

1-1-1961

# The Peddler 1961

The Students of Worcester Polytechnic Institute

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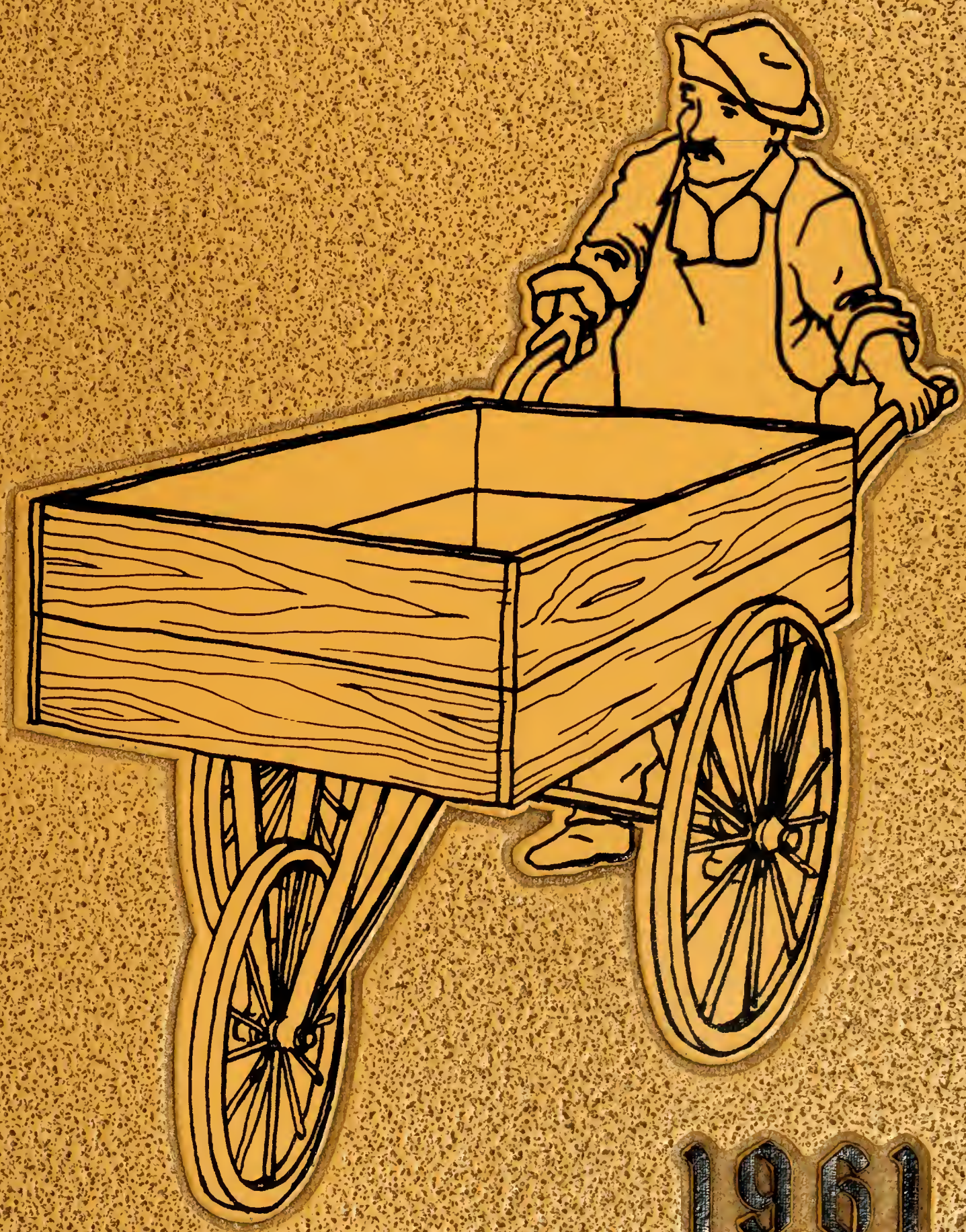
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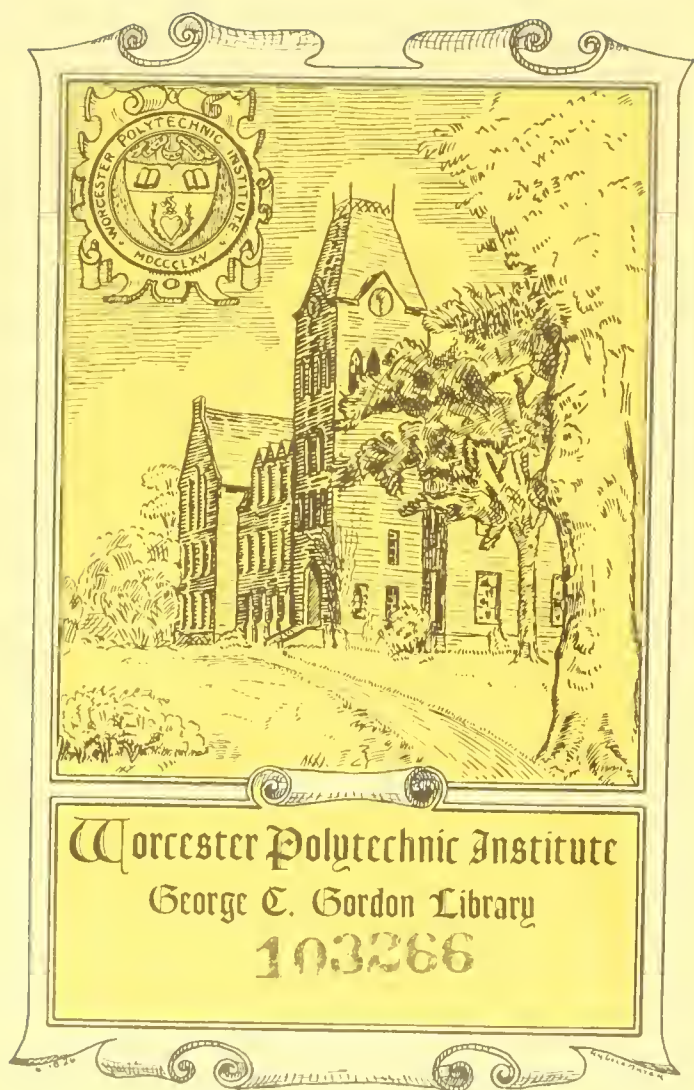


# Peddler



1961















# FOREWORD

A magic melting pot of memories . . . . .

Can you remember back when you first set your hesitant foot on Tech's campus? You received your first impression of your home for the next four years. The fraternities quickly introduced you to the hectic system of rushing and concurrently broke the ice, getting you into the swing of things. The sophomores harassed you and the "big men on campus" guided your acclimation. Soon you were a part of Tech. The following months brought you into the sports, activities, and social life.

However, with all the extra-curricular goings-on, you still hadn't got over the shock of your first exams. These traumatic experiences indelibly impressed you with the rigid scholastic requirement and with the need to strive always to meet them.

The next three years carried you into the heart of Tech's machinery. You got to know the faculty and you were surprised to find that they were actually on your side. Perhaps your warmest delight, the memory of which you will always retain, was the closeness of the administration to the students. The remarkable ability of these patient leaders was tempered with a genuine concern for your well-being.

And finally, your last impression of Tech, graduation, provided the fitting climax to four wonderful years in the development of your life.

Undoubtedly, you will, in the future, wish to recapture the gaiety and animation of your undergraduate environment. The 1961 Peddler is the culmination of efforts to combine for you the many facets of Tech life into a lasting storehouse of treasured memories.



## The Staff

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# 1961 PEDDLER

WORCESTER POLYTECHNIC INSTITUTE  
Worcester, Massachusetts

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Dr. Albert James Schwieger  
*Head of*  
*Department of Economics, Government, and Business*



# DEDICATION

Perhaps the most coveted privilege each year's Peddler staff has is bestowing its token of esteem on an outstanding member of Tech's faculty or administration. On behalf of the Class of 1961, the staff unanimously chooses to dedicate this yearbook to Dr. Albert James Schwieger.

Professor Schwieger's fine academic background and impressive teaching and leadership ability have well equipped him to assume the role of Head of the Department of Economics, Government, and Business. Tech owes him a great debt for his part in initiating and heading the School of Industrial Management. It is no little credit to Dr. Schwieger that he administers this outstanding appendage of a predominantly engineering college.

Civic duty has long occupied a good part of Dr. Schwieger's attention. World War II saw him in uniform as commander of the V-12 Navy at Tech. Until very recently, he devoted a great deal of time and effort to captain the Community Chest and Red Cross drives on campus.

Our most lasting impression of Dr. Schwieger will be a picture of him sitting behind his ever-smoking pipe in his office, door open, patiently listening to the problems and aspirations of his many appreciative students. His "boys" will devotedly remember that he was always there when they sought guidance.

The Peddler staff is indeed fortunate to have Dr. Schwieger as its advisor. His experience in the field of journalism and business has proved invaluable to the production of the book for a good number of years.

The many friends of Dr. Schwieger can be especially proud of him, not because he received this honor, but because he truly deserved it.





*AT THE REINS...*





From the desk of the President . . .

There is always a feeling of nostalgia in leaving the cloistered halls of ivy to venture forth into the bright new world. You will find this a world of opportunity and challenges if you structure it that way, and I know that you will.

You have enriched life at Worcester Tech during your brief sojourn on the campus. It is out of such as you that a great college is made and we know that you will always honor it as it will honor you. It has been a great experience for all of us on the faculty and administration to share in your youthful spirit and vitality. I hope that you will always cherish and renew your associations with those with whom you have shared your joys and arduous labors here at Worcester Tech. In unity there is strength. Good luck and best wishes.

*Arthur Bronwell*

Arthur Bronwell,  
President





Dr. Talman W. Van Arsdale, Jr.  
*Executive Vice-President*



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*Dean of Students and of Admissions*



Dean Ernest William Hollows  
*Ass't. Dean of Students and of Admissions*

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*Dean of the Faculty and Professor of  
Mechanical Engineering*



Dean Francis William Roys  
*Vice-President, Dean Emeritus and  
Professor of Mechanical Engineering*





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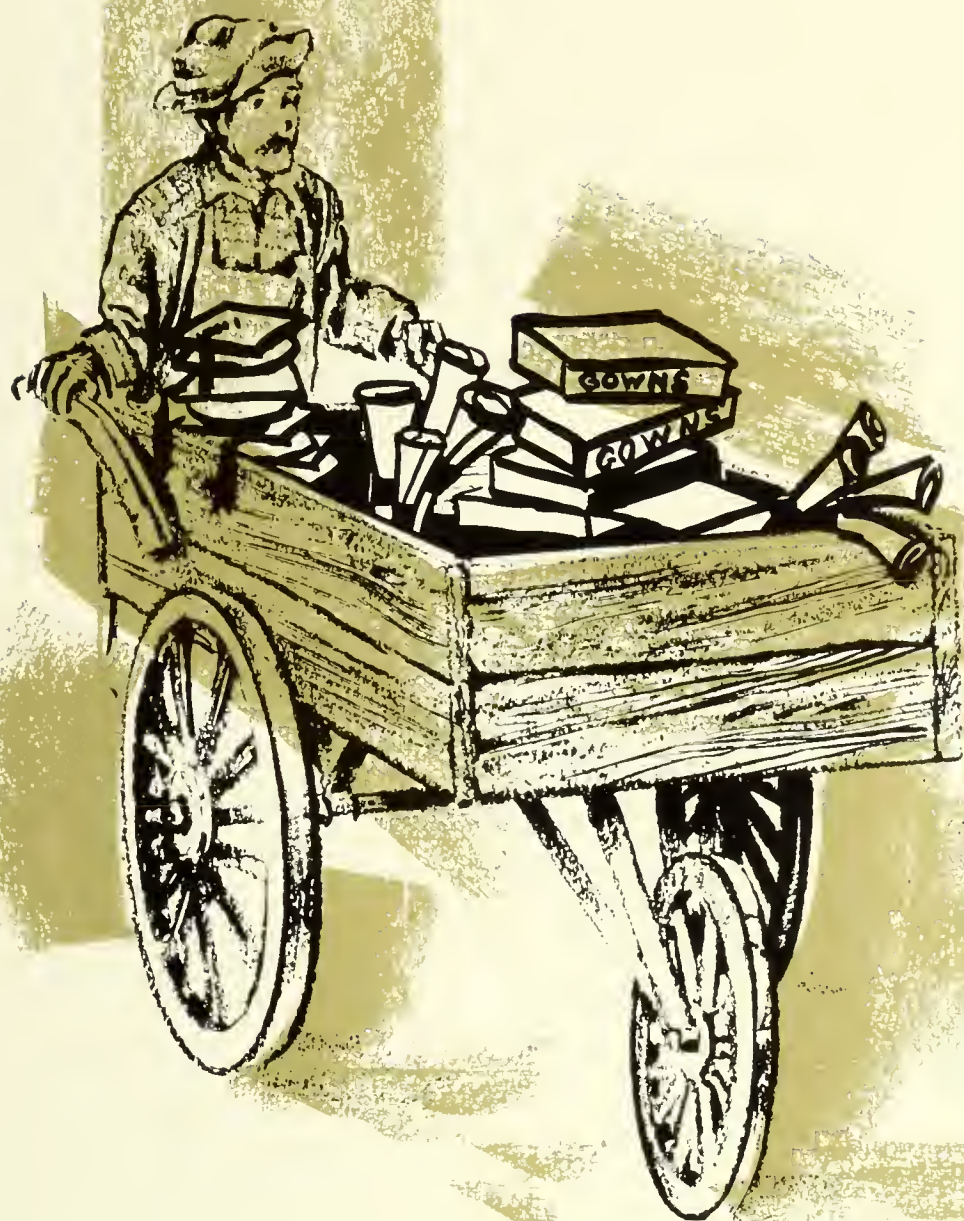








# SENIORS









# IN MEMORIAM . . .

Robert Oscar Carlson



*His life was concentrated on two opposites, adventure and quiet relaxation. To most, his outward manner spoke of a shy, quiet young man keenly interested in fine music, quiet and refined yet built on strength and progressiveness. Easy to get along with, he always knew his place and when to speak. Once having gotten to know him, you were friends forever*

*And yet the quietness was but a part of the man. Equally as strong, though rarely seen, was his adventurous spirit fueled by his love for the sea. The fulfillment of this drive took shape in his interest in boating, and the many hours spent on the water tended to bring him closer to that "mother of men", the sea. When he dreamt, as all men do, his thoughts were of the open water and the freedom he found there.*

*His knowledge, unlike that of the classical student, was gained primarily from his inquisitiveness and his searching into problems of technology that interested him. The subjects requiring a plodding, methodical approach were difficult for him but nevertheless he realized their value and gave them his time.*

*Although he is no longer in our immediate company he will remain with each of us as we leave the Institute, for it is our remembrance which takes him with us.*



# CHEMISTRY AND CHEMICAL ENGINEERING



Professor Wilmer LeRoy Kranich  
*Head of Department*

The Department of Chemistry and Chemical Engineering has a singular distinction on the campus of Worcester Tech. It is the only department housed in a dungeon with new stairways. The old physics lab in the basement was remodeled for the bookstore, but unfortunately the chemists pay as much as everyone else. Chemistry and chemical engineering are extremely important fields in modern industry.

With the development of new plastics, rocket fuels, and synthetic materials, to mention a few, the role of chemistry is increasingly prominent. The chemist deals mostly with the discovery and improvement of materials. The chemical engineer is interested in the application and development of new materials to industrial uses. The chemical engineer also looks for facilities of production.

At Tech, the courses in chemistry and chemical engineering are constantly being revised to keep pace with the ever changing world of science. Facilities for experimental work are also kept abreast of changes with new equipment and the revamping of laboratories.



*Seated:* Prof. Charles W. Shipman, Prof. Frederick Butler, Prof. Maurice Smith, Prof. Harry B. Feldman, Prof. John Meader, Prof. Robert Wagner, Prof. Robert Plumb, Prof.

Wilmer Kranich, Prof. John Petrie. *Standing:* Prof. Wilbur Bridgman, Prof. David Todd, Mr. Jean B. Letendre.



## A.I.Ch.E.

The student chapter of the American Institute of Chemical Engineers was organized at Tech in 1940. Since that time its purpose has been to acquaint the student engineer with the opportunities, problems, advances and techniques of the chemical and chemical engineering industries. To accomplish this, guest speakers are invited from industry to give talks and show movies and slides pertaining to their particular fields.

The A.I.Ch.E. also conducts a social program at Tech, the highlight of which is the Unit OP Hop. It is held each year in the Unit Operations Lab where students and their dates may dance among the various pieces of apparatus and enjoy refreshments served from test tubes, beakers, and flasks. The combined A.I.Ch.E.-A.I.E.E. picnic and beer party each spring provides an afternoon of enjoyment for both students and faculty alike.

Finally, giving credit where credit is due, an important factor in continuing the success of the organization on campus is the efforts of its faculty advisor, Prof Robert Wagner who has devoted many hours of his time in search of interesting speakers, films, and literature for the students.



*Seated:* P. Burgiel, R. Trotter, W. Thompson, H. Christopher, J. Ogorzalek.  
*Standing:* J. Machonis, R. McGee, J. Virkus, J. Faucher, S. Rothstein.



## Skeptical Chymists

On a predetermined Thursday every month a clandestine group of bottle washers meet in the musty halls of Salisbury to discuss the latest in detergents, emulsions, and Metrecals. These lusty pioneers of science enjoy taking part in seminars on the current developments in chemistry. Augmented by talks from eminent research men in the field, the program is well rounded and stimulating. The year's events are highlighted by a student-faculty Spring picnic, during which time the students find out how different the faculty are outside of class.

*Left to Right:* Harry Rook, Irving Freeman, John Grocki, Charlie Wilkes.



Future grads?



That's more like it!





Chuck Burdick Performs Puddle Analysis.



Looks Like I've Blown It!



Bottled In Bond.



The Achters: Joe Faucher, Sheldon Rothstein, Philip Burgiel, Dave Chesmel, Jerry Virkus.

## AChERS

The fall of ten years ago proved fatefull for the Chemical Engineering department. The distilling columns produced manhattans instead of the raw product, the fluid flow apparatus became an immense tap of "brew" and even John Petrie ceased lecturing to take notice. Behold, the Aspirant Chemical Engineers Risibility Society had been formed. Dedicated to the proposition that beer, "the Golden Nectar" is the paramount solution for human consumption, the AChERS bring great honor on themselves and their department at their weekly meetings at the "V".

The main purpose of this organization is to let off excess head pressure invariably built up by our most understanding professors. In fulfilling this purpose at the meetings, the members put out of their minds all despicable thoughts seemingly forced into their fatigued, cruelly treated brains, derived from that unmentioned brick building.

This year the depleted group returned and soon replenished its ranks with new members whose spirit indicated that they aspired to the high ideals of the organization. The group, acting under the influence, moved on to great things. Foremost among these was a moral victory over the IHEE in basketball, and an inspection trip to the Carlings Brewery in which the group, acting as a unit, threw the daily output of the plant completely out of line. Everyone will remember well the illustrious words that echoed over the campus, "shattup and drink your beer."



# GRADUATES . . .

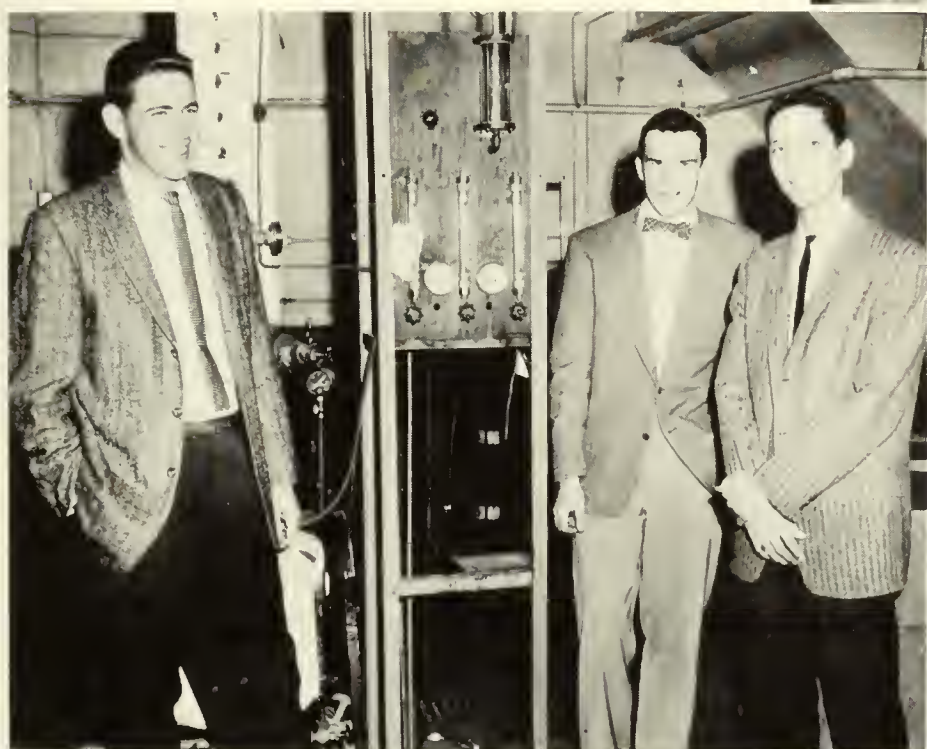
The Chemical and Chemical Engineering Graduate Program has at present eleven chemical engineers and nine chemists working for their Master's Degree. Three of the nine chemists and four of the eleven chemical engineers will achieve their goal this year.

The chemists are at the present time investigating the properties of rare earth metals, evaporated aluminum films and nitrogen compounds. Another is engaged in synthesizing certain ring compounds. Cancer research which is often in the news was also the subject of discussion of one of the students, who worked on this project under a grant from the government.

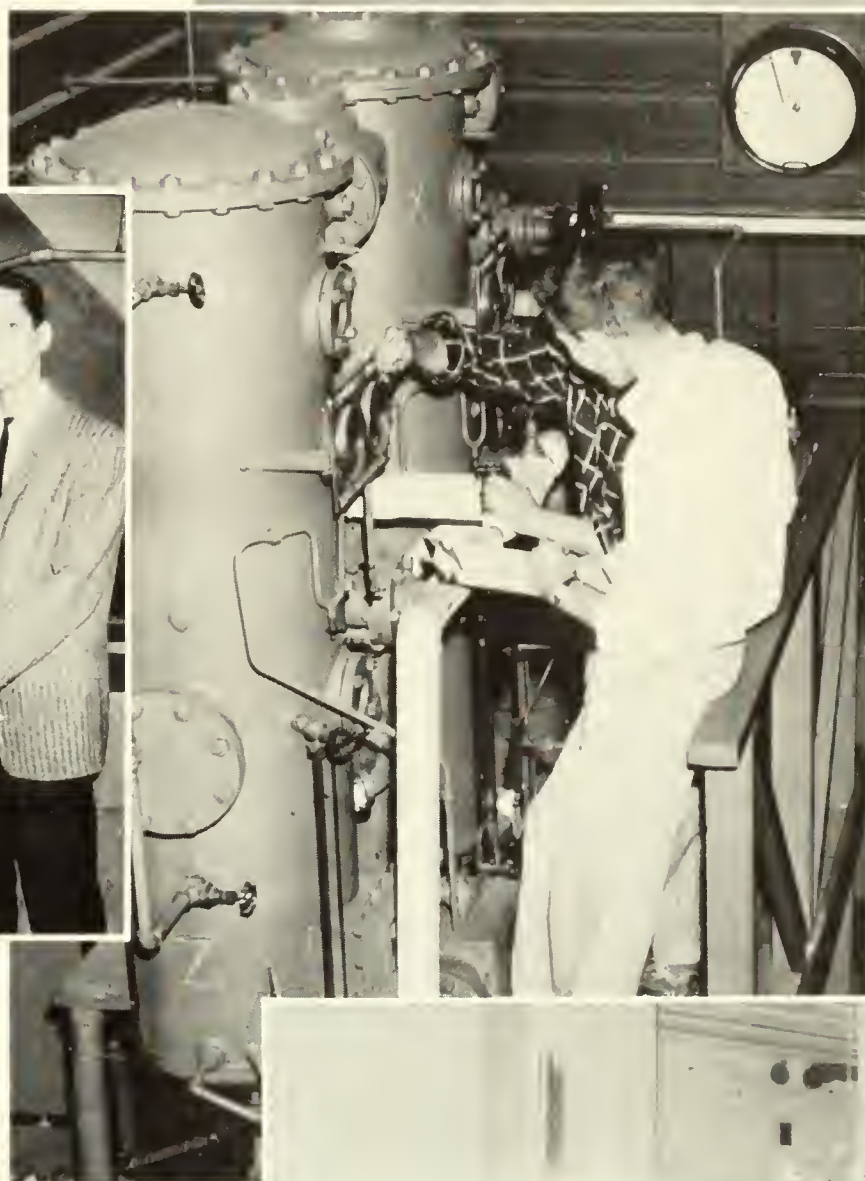
From the lab to the production line, the chemical engineers are also busy with their thesis projects. One of the popular topics is that of high speed combustion which is the combustion of jet flames. Fluid flow, process control, spray tower, mass transfer and decomposition of alcohols are among the problems being investigated by the graduates.



Graduate Students:  
Richard Webster, Bob  
Dayhill, Don Lussier,  
Jerry Gibbs, Dave  
Sullivan, Harvey Ro-  
senfeld.



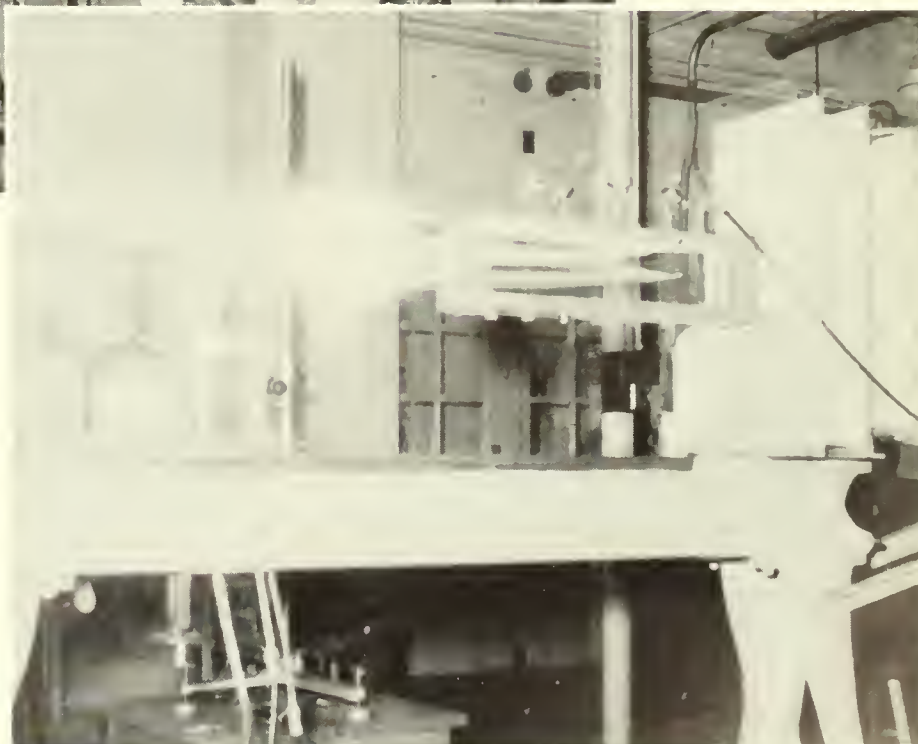
Bill Farnsworth, Norm Howe, and Tim Meyers.



It should be just  
ready to blow.



But Why The Earphones?



Testing For Degree Of Reaction In A Flame.



# 1961

## CHEM. ENG.



David Randolph Baker  
9 Maple Place  
Foxboro, Massachusetts

*Phi Kappa Theta* "Bake"  
Track 1, 2; Basketball 1; TECH NEWS 1, 2, 3, 4;  
Glee Club 1, 2; A.I.Ch.E. 3, 4; Newman Club  
1, 2, 3, 4.



Russell Edward Banks  
25 Beaver Street  
Worcester, Massachusetts

*Phi Kappa Theta* "Russ"  
TECH NEWS 1, 2, News Editor 3, 4; R.O.T.C.  
2nd Lt.; A.I.Ch.E. 2, Vice-Pres. 3, 4; Newman  
Club 1, 2, 3, 4.



Philip George Burgiel  
67 Church Street  
Ware, Massachusetts

"Phil"

Lacrosse 2; Tech Auto Club 1, 2, 3, 4; A.I.Ch.E.  
2, 3, 4.



David Michael Chesmel  
131 Shultas Place  
Hartford, Connecticut

*Phi Kappa Theta* "Dave"  
Lacrosse 1, 2; Swimming 1; TECH NEWS 1, 2, 3,  
4; Glee Club 1, 2, 3, 4; Boyntonians 1; Band 1, 2;  
R.O.T.C. 2nd Lt.; A.I.Ch.E. 3, 4; Newman Club  
1, 2, 3, 4.



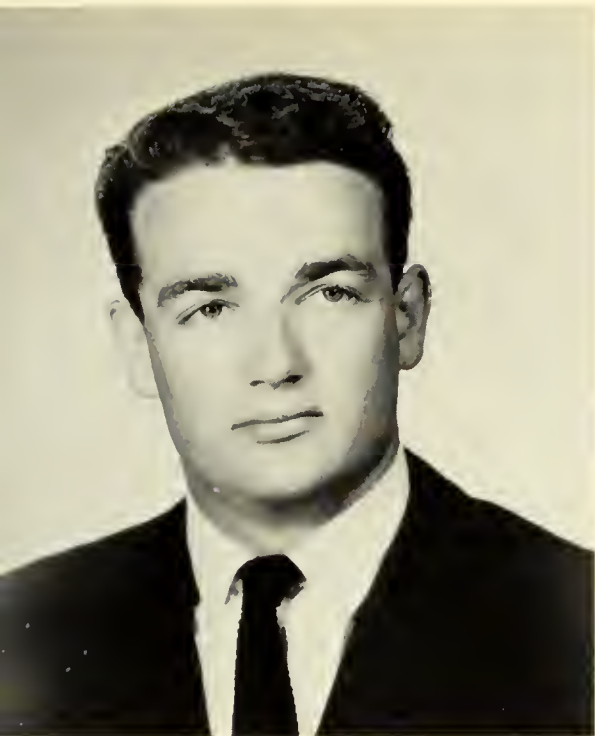
Harold Alfred Christopher  
171-36 Ashby Avenue  
Flushing, New York

*Sigma Alpha Epsilon* "Chris"

TB II, ΣΕ  
D.M.S.

R.O.T.C. Lt. Col.; Council of Pres. 4; A.I.Ch.E.  
1, 2, 3, Pres. 4; Wrestling 1, 2.





Bradford Sears Cushing  
80 West Main Street  
Westboro, Massachusetts

*Lambda Chi Sigma Kappa* "Cush"  
Varsity Club 1, 2, 3, Capt. 4; Varsity Club 1, 2, 3, 4;  
O.T.C. 2nd Lt.; A.I.Ch.E. 2, 3, 4.



Robert Bruce Davis  
264 Pleasant Street  
Concord, New Hampshire

*Lambda Chi Alpha* "Bob"  
A.I.Ch.E. 1, 2.



Vincent Frank David DeAndrea  
15 Washington Street  
Port Chester, New York

*Sigma Alpha Epsilon* "Vince"  
Varsity Club 3, 4; PEDDLER 3, 4; Camera Club  
2; A.I.Ch.E. 2, 3, 4; Cheer Leader 1, 2, "W" 3,  
Co-capt. 4; Tech Auto Club 1, 2; Newman Club  
1, 2.



John Everett Donnelly  
798 Merriam Avenue  
Leominster, Massachusetts

*Sigma Alpha Epsilon* "John"  
A.I.Ch.E. 2, 3, 4; Tech Auto Club 1, 2.



Joseph Edmund Faucher, Jr.  
288 Moreland Street  
Worcester, Massachusetts

*Theta Chi* "Fauch"  
Football 2, 3; A.I.Ch.E. 1, 2, 3, 4.



Gerald Eugene Kuklewicz  
Avenue C  
Turners Falls, Massachusetts

*Alpha Tau Omega* "Kuk"  
Masque 1, 2, 3, 4; Debating Club 2, 3, Sec.-Treas.  
4; A.I.Ch.E. 1, 2, 3, 4.





**Roger Raymond Lesieur**  
31 Newbury Street  
Nashua, New Hampshire  
R.O.T.C. 2nd Lt.; A.I.Ch.E. 2, 3, 4.



**John Frank Ogorzalek**  
367 Hampden Street  
Chicopee, Massachusetts  
*"John"*  
A.I.Ch.E. 2, 3, 4; Newman Club 1; Arts Society 1.



**Philip Anthony O'Reilly**  
24 West Morland Drive  
Worcester, Massachusetts  
*"Phil"*  
*Theta Chi*  
ΠΔΕ  
Swimming 1, 2, "W" 3, Capt. 4; Varsity Club 3, 4; PEDDLER 1, 2, Art Editor 3, Asst. Managing Editor 4; Masque 2, 3, 4; Bridge Club 4; A.I.Ch.E. 1, 2, 3, 4.



**Edwin Morrison Peacock**  
175 Gold Street  
Arlington, New Jersey  
*Sigma Phi Epsilon* *"Ed"*  
P.C.F. 1, 2, 3, 4; A.I.Ch.E. 1, 2, 3, 4.



**Husein Yusef Pothiwala**  
O.P.P. Bhoraji  
Bombay, India  
Soccer 1.



**Sheldon William Rothstein**  
47 Hadwen Road  
Worcester, Massachusetts  
*Alpha Epsilon Pi* *"Lefty"*  
Rifle Club 2, 3; TECH NEWS 2; Camera Club 2, Treas. 3, 4; Bridge Club 2, 3, 4; A.I.Ch.E. 3,





Ralph Fairfield Smith III  
56 Barkeley Street  
Reading, Massachusetts

*Sigma Phi Epsilon* "R.F."  
Basketball 1; Lacrosse "W" 2, 3, 4; Varsity Club 2,  
Sec. 3, 4; Glee Club 1; R.O.T.C. 2nd Lt.; A.I.Ch.E.  
1, Treas. 2, 3, 4; Hockey Club 2, Treas. 3, 4.



Wayne Lee Taylor  
Main Street  
South Ashburnham, Massachusetts

"Wayne"  
Basketball 1; A.I.Ch.E. 1, 2, 3, 4.



Ralph Robert Trotter  
36 Elizabeth Drive  
New Providence, Rhode Island

*Sigma Alpha Epsilon* "Ralph"  
A.I.Ch.E. 2, 3, 4.



Kenneth Juri Virkus  
1214 Sheridan Avenue  
Bronx 56, New York

*Theta Chi* "Jerry"  
Cosmopolitan Club 1, 2, 3, Pres. 4; Council of  
Pres. 4; A.I.Ch.E. 1, 2, 3, 4.



I wish I were out golfing.

1961



# 1961

## CHEMISTS



Andrew Michel Beaudoin  
21 Arch Street  
Laconia, New Hampshire

*Phi Kappa Theta* "Andy"  
Cross Country 2; Track 1, 2; TECH NEWS 2, 3,  
4; Band 2; R.O.T.C. 2nd Lt.



David Peter Carlson  
10 Salem Road  
Chappaqua, New York

*Phi Sigma Kappa* "Dave"  
Skeptical Chyms. 3, 4; Hockey Club 1, 2, 3, 4; Arts  
Society 2, 3, 4; Fraternity Pres. 4.



Irving Brewster Freeman  
Box 57  
Sandwich, Massachusetts

*Tau Kappa Epsilon* "Irv"  
Camera Club 1, 2, 3, 4; Radio Club 1; Council of  
Pres. 4; Skeptical Chyms. 1, 2, 3, Pres. 4.



Peter Joseph Natale  
332 State Street  
Bristol, Rhode Island

*Phi Sigma Kappa* "P.J."  
Baseball 1; Skeptical Chyms. 2, 3, 4.



Gordon Morse Parker  
151 Patton Avenue  
Princeton, New Jersey

*Theta Chi* "Gordy"  
TBΠ, ΣΞ, ΠΔΕ  
Cross Country 1; TECH NEWS 1; PEDDLER 3  
Make Up Editors 4; Masque 1, 2, 3, 4; Skeptical  
Chyms. 1, 2, 3, 4; Wrestling 1, 2.





Louis Joseph Rossi  
14 Dinallo Street  
South Hackensack, New Jersey  
*Lambda Chi Alpha* "Lon"  
A.I.Ch.E. 2; Skeptical Chyms. 3, 4; Fraternity  
Pres. 4.



James William Swaine, Jr.  
Pocono Road  
Denville, New Jersey  
*ΣΕ* "Jamie"



Charles Eugene Wilkes  
Maple Avenue  
North Oxford, Massachusetts  
*Theta Chi* "Charlie"  
TB II, ΣΕ, ΠΔΕ  
Who's Who  
Soccer 1; PEDDLER 1, 2, 3, Editor-in-Chief 4;  
Glee Club 1; Masque 3, 4; R.O.T.C. Capt.; Council  
of Pres. 3, 4; Tech Senate 2, 3; Skeptical Chyms.  
1, 2, 3, 4; I.F. Council 3, 4; Athletic Council  
Treas. 3.

In the interests of Alchemy . . .



Henry Thomas Walat  
58 William Street  
Chicopee Falls, Massachusetts  
*Sigma Alpha Epsilon* "Hank"





# CIVIL ENGINEERING



Professor Carl Henry Koontz  
*Head of Department*

The Civil Engineering Department is a rapidly expanding and constantly improving segment of the W.P.I. curriculum. With the facilities of Kaven Hall, the Civil Department has been adding to and greatly raising the standards of its program. Although rock labs and outings in Institute Park sometimes appear to be the major concern of the undergraduates, the Civils are facing an ever tougher schedule. In the last several years, many courses formerly taught by other departments have been moved to Kaven to enable the department to exercise a direct control over them.

Civil Engineers will always be an important segment of the working community. As long as the nation continues to grow and to expand, the Civil Engineer must be on the job to plan and build the skyscrapers, the bridges and the highways. As in other scientific and engineering fields, new concepts in design and building technique keep the Civil Department constantly on the go to stay up with the industry. Field trips play an important part in the course of study, since, in this way, the student can see the theoretical "book" methods applied on an operation scale.



*Left to right:* Mr. Richard W. Lamothe, Prof. Carl H. Meyer, Mr. Francis D. DeFalco, Prof. Armand J. Silva, Prof. Joseph D. Sage, Dr. E. Russell Johnston, Prof. Carl H. Koontz, Prof. A. Fattah Chalabi.





*Front Row:* N. Bolyea, J. Vyce, P. Rowe, C. Mello, J. Kachadorian, P. Sharon, M. Rafferty, L. Green, S. Wilson. *Second Row:* P. Martin, R. Hosmer, J. Powers, C. W. Hayes, W. Gill, R. Confucius, R. Beaudry, R. Adler. *Top Row:* B. Fowler, J. F. Kennedy, R. DiBuono, W. Allanach, C. Goddard, C. Godfroy, D. Prosser, D. Gladstone.

### American Society of Civil Engineers

The American Society of Civil Engineers was founded in 1852. Its original constitution states its objectives as being "... the advancement of the science and profession of engineering". The purpose of the student chapter is to help the student prepare himself for entry into the profession and to further the advancement of the society.

Membership in the society enables the civil engineering student to gain insight in the field of civil engineering through the medium of guest speakers and special films. These programs serve to supplement the civil engineering curriculum by allow-

ing the student to begin to make those professional contacts which are so valuable to the future practicing engineer. Through the society, the student is urged to take an active interest in his chosen profession by attending student and professional conventions. Socially, the society sponsors an annual Christmas party and an annual student-faculty picnic.

All of these activities contribute to the mental development and the forming of good judgment while the student is still preoccupied with learning techniques.



"Is she cute, Pete?"



The Civil's Big Gun.



## Barons of Kaven

There is a need present in every devoted student's curriculum to be allowed to express himself on any subject and be confided in, be it from the African Aardvark to Zymurgy (Def.-applied Chemistry dealing with fermentation processes, as in brewing.) The Barons of Kaven meetings provide this opportunity for its worthy members, selected from the Civil Engineering Department. Every Friday afternoon the Barons assemble at a local pub to exchange their silver for the cool, foamy liquid, with which to cheer the passing of another week of shears and bending moments, and prepare for the next.

The Barons are well aware of the need to support campus functions and promote the ideals of the Civil Engineering Department. Consequently, prospective Barons must share these beliefs before they will be considered to perpetuate the society in the spring term. Although the BOKS have the youngest of all such societies on campus, the spirit of the Barons, while consuming the spirits will top them all.



*Top Row: Norm Bolyea, Ned Rowe. Second Row: Stan Wilson, John Powers, Jim Kachadorian. Third Row: Larry Green, Bill Hayes.*



"Why?"

"Panic! It's almost four o'clock."

"Slide Rules Don't Lie."







"Who put the peanuts in the concrete?"



"You put the orange in here."



"Are you sure the walls are straight?"

## GRADUATES . . .

The Civil Engineering Graduate Program had its beginning less than three years ago. Since then, thirteen Civil Engineers have received their Master's Degree. There are eleven men presently engaged in graduate studies, six of whom will be honored at this year's commencement exercise.

The department offers several courses in each of the following fields: advanced mechanics, structural analysis, design, soil mechanics, and foundations. Also included is a course in Special Problems in which the student chooses a specific problem and does some research on it. Thesis work is optional, but in the future may be required. Credits may also be attained in other departments by taking courses such as hydraulics, mathematics, mechanical engineering, etc.

Because the department is still growing, more students will have the opportunity to study for their Master's Degree in Civil Engineering. It is also anticipated that, if enough interest is shown and the present teaching shortage alleviated, the Doctorate of Philosophy and Doctorate of Science may become available in the future.



Don Dow and Ron Carlson



# 1961

## CIVIL



Richard Samson Adler  
4 Leicester Street  
Brighton, Massachusetts  
Skull, Who's Who, D.M.S.

*Alpha Epsilon Pi*

*"Dick"*

Football 2; PEDDLER 3; R.O.T.C. Col.; Council of Pres. 3, 4; Tech Senate 1, 2, 3, Pres. 4; A.S.C.E. 2, 3, 4; I. F. Council 3, 4; Athletic Council 2.



Setrag Arakelian  
196 Chandler Street  
Worcester, Massachusetts

*"Set"*



Richard John Baker  
397 Phillips Road  
Webster, New York

*"Dick"*

Glee Club 1, 2, 3, Pres. 4.



Robert Russell Beaudry  
114 Powhattan Street  
Putnam, Connecticut

*Alpha Tau Omega*

*"Bob"*

Band 1, 2, 3, 4; Masque 2, 3, Stage Mgr. 4; Nautical Ass'n 3; A.S.C.E. 1, 2, 3, 4; Civil Engineering Honor Society Treas. 4.



Kenneth James Blanchard  
129 North Street  
Southbridge, Massachusetts

*"Ken"*

A.S.C.E. 1, 2, 3, 4.





Edward Joseph Boduch  
417 Carew Street  
Springfield, Massachusetts

*Phi Kappa Theta* "Chip"  
Basketball 1; Swimming 1; Glee Club 1; A.I.E.E.  
1, 2; A.S.C.E. 3; Class Secretary 1, 2, 3.



George Robert Bolduc  
252 Pilgrim Avenue  
Worcester, Massachusetts

*Phi Gamma Delta* "Bob"  
Golf 1.



Norman Fyfe Bolyea  
29 Elmwood Avenue  
Haverhill, Massachusetts

*Phi Sigma Kappa* "Norm"  
Basketball 1, 2; Lacrosse 1, 2, "W" 3, 4; Varsity  
Club 4; R.O.T.C. 2nd Lt.



Charles Sumner Cook  
115 Edgell Street  
Gardner, Massachusetts

*Lambda Chi Alpha* "Chas"  
Bridge Club 3, 4; Cosmopolitan Club 1; R.O.T.C.  
2nd Lt.; A.I.E.E. 2; A.S.C.E. 3, 4; Newman Club  
1, 2, 3, 4



Philip Michael Crimmins  
22 Spring Street  
Palmer, Massachusetts

*Phi Kappa Theta* "Phil"  
Soccer 1, 2; Tennis 1, 2; TECH NEWS 1, 2;  
R.O.T.C. 2nd Lt.; A.S.C.E. 2, 3.



Ronald Joseph Dellaripa  
270 Ridgewood Road  
East Hartford, Connecticut

R.O.T.C. 2nd Lt.; A.S.C.E. 1, 2, 3, 4. "Rip"





Michael James Dunn  
81 Arlington Street  
Framingham, Massachusetts

*Sigma Phi Epsilon* "Jim"  
Football "W" 1; Varsity Club 1, 2, 3; TECH  
NEWS 2, 3; R.O.T.C. 2nd Lt.



Ralph Matthew Dykstra  
Farnumsville Road  
Northbridge, Massachusetts

*Theta Chi* "Dike"  
PEDDLER 3, 4; A.S.C.E. 2, 3, 4; R.O.T.C. 2nd Lt.



Kenneth Roy Engvall  
7 Barrows Road  
Shrewsbury, Massachusetts

*Sigma Phi Epsilon* "Scratch"  
Lacrosse "W" 1; Varsity Club 1, 2, 3, 4; PED-  
DLER 1; R.O.T.C. 2nd Lt.; A.S.C.E. 1, 2, 3, 4.



David Alexander Frederick  
Luther Road  
East Greenbush, New York

*Theta Chi* "Fuzz"  
PEDDLER 2; Glee Club 2; R.O.T.C. 1st Lt.;  
A.S.C.E. 1, 2, 3; Wrestling Club 2.



Daniel Davis Geller  
3257 Corsa Avenue  
Bronx, New York

*Bridge Club* 2; A.S.C.E. 3.  
"Dan"



William Harold Gill, Jr.  
33 Brookway Drive  
Shrewsbury, Massachusetts

*Theta Chi* "Bill"  
PEDDLER 2, 3, Advertising Mgr. 4; A.S.C.E.  
2, 3, 4; Pershing Rifles 1; Newman Club 1, 2, 3, 4.





Douglas David Gladstone  
98 Elm Street  
Belmont, Massachusetts

*Alpha Tau Omega* "Doug"  
Soccer 2; Glee Club 1, 2, Sec. 3, 4; R.O.T.C. 1st  
Lt.; A.S.C.E. 1, 2, 3, 4; Civil Honor Society Vice-  
Pres. 4; Fraternity Treas. 2, 3, 4; Class Co-Hist.



Charles Eugene Godfroy  
Judson Street  
Raynham Center, Massachusetts  
*Sigma Phi Epsilon* "Charlie"  
A.S.M.E. 2; A.S.C.E. 3, 4.



Lawrence Stuart Green  
186 Gerdner Road  
Brookline, Massachusetts  
*Alpha Epsilon Pi* "Larry"  
D.M.S.  
Masque 1; R.O.T.C. Major; A.S.C.E. 1, 2, 3, 4;  
I. F. Council 2.



Carl William Hayes  
8 Elbridge Street  
Worcester, Massachusetts

*Theta Chi* "Bill"  
Baseball 1; A.S.C.E. 1, 2, 3, 4.



Richard Berry Hosmer  
25 Mildred Avenue  
Worcester, Massachusetts

"Dick"  
A.S.C.E. 2, 3, 4.

1961

CIVIL



# 1961

## CIVIL



Robert Edward Hoss  
552 Main Street  
Shrewsbury, Massachusetts  
*Sigma Alpha Epsilon* "Bob"  
Glee Club 1; A.S.C.E. 2, 3, 4; S.S.C. 2.



James Kachadorian  
150 Oakland Avenue  
Methuen, Massachusetts  
*Sigma Phi Epsilon* "Kach"  
TB II, ΣΞ  
Lacrosse 1, 2, 3, Mgr. 4; TECH NEWS 1, 2, 3, 4;  
Council of Pres. 3, 4; A.S.C.E. 2, 3, Pres. 4.



Mel Gerard Keegan  
450 Prospect Street  
South Orange, New Jersey  
*Phi Kappa Theta* "Keeg"  
ΠΔΕ  
Skull, Who's Who, D.M.S.  
TECH NEWS 2, 3, Make-up Editor 4; Glee Club  
1, 2, 3, 4; R.O.T.C. Lt. Col.; A.S.C.E. 2, 3, 4;  
Class Treas. 4; Newman Club 1, 2, 3, 4; J.P.  
Chairman 3; Fraternity Vice-Pres. 4.



Theodore Harding Langley  
5 Anderson Drive  
Falmouth Forside, Maine  
"Ted"  
Rifle Club 1, "W" 2, 3, Pres. 4; Council of Pres. 4.



Swang Lee-Aphon  
40 Surisak Road  
Bangkok, Thailand  
*Phi Sigma Kappa* "Swang"  
Soccer "W" 1, 2, 3, Capt. 4; Tennis "W" 1, 2,  
3, 4; Varsity Club 1, 2, 3, 4; Camera Club 1, 2, 3,  
4; Cosmopolitan Club 1, 2, 3, 4.





Paul Alfred Louis Mannheim  
Middle Street  
South Amherst, Massachusetts

*Phi Gamma Delta* "Clyde"  
Basketball 1; Golf 1, 3, 4; Nautical Ass'n, 1, 2;  
R.O.T.C. 2nd Lt.; A.S.C.E. 3.



Charles William Mello  
381 Coggeshall Street  
New Bedford, Massachusetts

*Phi Kappa Theta* "Charlie"  
ΠΔΕ  
Who's Who, D.M.S.  
Lacrosse 2; TECH NEWS 2, 3, Business Mgr. 4;  
R.O.T.C. Capt.; Council of Pres. 3, 4; A.S.C.E.  
2, 3, Vice Pres. 4; Wrestling Club 1, 2, 3, Co-Capt  
4; Newman Club 1, 2, 3, 4; Fraternity Treas. 4;  
Fraternity Sec. 4.



Richard John Miczek  
11 Lyndale Avenue  
Webster, Massachusetts

*Phi Kappa Theta* "Dick"  
Cross Country 2; Track 1, 2, 3; TECH NEWS  
1, 2, 3; PEDDLER 2, 3; R.O.T.C. 2nd Lt. A.S.C.E.  
2, 3, 4; Newman Club 1, 2, 3, 4; Arts Society  
1, 2, 3, 4.



Alfred Jordan Migneault  
236 Woodstock Avenue  
Putnam, Connecticut

*Theta Chi* "Al"  
Basketball 1; A.S.C.E. 2, 3, 4; Hockey Club 3, 4.



William Beecher Montgomery  
6 Hackfeld Road  
Belmont, Massachusetts

*Phi Sigma Kappa* "Monty"  
Track 3; A.S.C.E. 2, 3, 4.



Gerald Augustus Mullaney  
61 Grove Street  
Paxton, Massachusetts

*Phi Sigma Kappa* "Jerry"  
Basketball 1; A.S.C.E. 2, 3, 4; Hockey Club 3, 4.





Normand Lawrence Noel  
12 Arkwright Road  
Webster, Massachusetts

*Phi Sigma Kappa*

"Ricky"



Kenneth Irving Parker  
1140 Pawtucket Avenue  
Rumford, Rhode Island

*Phi Sigma Kappa*

"Ken"

Tennis 1, 2, 4; PEDDLER 3, 4; R.O.T.C. 2nd Lt.;  
A.S.C.E. 1, 2, 3, 4; Hockey 1, 4; Fraternity Vice-  
Pres. 4.



Svend Erik Pelch  
2303 41st Street N.W.  
Washington, D.C.

*Phi Sigma Kappa*

Camera Club 1; Cheer Leader 1, 2, "W" 3, 4; Arts  
Society 1, 2, 3, Treas. 4.



John William Powers  
13 Mystic Street  
Springfield, Massachusetts

*Phi Sigma Kappa*

Lacrosse "W" 1, 2, 3, 4; Varsity Club 1, 2, 3, 4;  
Fraternity Sec. 3, Vice-Pres. 4.



David Wright Prosser  
261 Lookout Avenue  
Hackensack, New Jersey

*Alpha Tau Omega*

"Skip"

Cross Country 1, 2; Track "W" 1, 2, 3, Co-Capt.  
4; Varsity Club 1, 2, 3, 4; Masque 1, 2, 3, 4;  
A.S.C.E. 2, 3, 4.



Morgan Rowlands Rees  
353 Pierce Street  
Kingston, Pennsylvania

*Sigma Phi Epsilon*

"Moe"

Skull, Who's Who

Track 1, "W" 2, 3, Co-Capt. 4; Football "W" 1  
2, 3, Co-Capt. 4; Varsity Club 1, 2, 3, 4; PEDDLER  
3, 4; R.O.T.C. Capt.; Council of Pres. 1, 2, 3  
Chairman 4; S.S.C. 2, Treas. 3, 4; Wrestling Clu  
Captain 1, 2, 3, 4; Fraternity Pres. 4.





Leo James Robichaud  
152 Main Street  
Fort Kent, Maine

*Lambda Chi Alpha* "Benny"  
Bridge Club 3; A.S.C.E. 2, 3, 4.



Pierce Edward Rowe  
9 Maple Avenue  
Ware, Massachusetts

*Phi Kappa Theta* "Ned"  
TB II, IIΔE  
Who's Who  
TECH NEWS 1, 2, 3, 4; PEDDLER 2; R.O.T.C.  
Major; A.I.P. 2; A.S.C.E. 3, 4; I.F. Council 3, 4;  
Pi Delta Epsilon Sec. 4; Fraternity Pres. 4.



Alfred Robert St. Germain  
442 Chandler Street  
Worcester, Massachusetts

*Theta Chi* "Al"  
Baseball 1, "W" 2, 3, 4; Basketball 1, 2, "W" 3,  
Co-Capt. 4; Varsity Club 3, 4; A.S.C.E. 2, 3, 4.



Mahavir Shivilal Shah  
India

Bridge Club 4; Cosmopolitan Club 3, Treas. 4;  
A.S.C.E. 4; Chess Club 3, 4.



Peter Joseph Sugda  
30 Golf Street  
Southbridge, Massachusetts

*Theta Chi* "Pete"  
A.S.C.E. 2, 3, 4.

1961



# 1961

## CIVIL



Norbert Francis Toczko  
28 Lodi Street  
Worcester, Massachusetts

*"Toss"*

Track 2; Nautical Ass'n 1, 2, 3, 4; A.S.C.E. 2, 3, 4; Chess Club 2, 3, 4.



James Michael Tolos  
59 Arlington Street  
Fitchburg, Massachusetts

*Theta Chi*

*"Demetrios"*

PEDDLER 3, 4; Masque 3, 4; A.S.C.E. 2, 3, 4.



John Tompkins, Jr.  
R.F.D. #2  
Chester, Massachusetts

*Phi Sigma Kappa*

*"Smokehouse"*

A.S.C.E. 1, 2, 3, 4; Cheer Leader 1, "W" 2, 3, 4.



John Michael Vyce  
25 Henry Harris Street  
Chicopee, Massachusetts

*Alpha Tau Omega*

$\Pi\Delta\epsilon$

*"Jack"*

PEDDLER 3, Photography Editor 4; A.S.C.E. 1, 2, 3, 4.



Stanley Lewis Wilson  
132 Fairhaven Road  
Worcester, Massachusetts

$\Sigma\Xi$

*"Stan"*

A.S.C.E. 2, 3, 4.





"Happy Beam."



"This rock's too big for the aquarium."



Squeeze her a little harder, Bill.



Civils at work?



Another WPA Project?



# ELECTRICAL ENGINEERING



Professor Glen A. Richardson  
*Head of Department*

Electrical Engineering, the largest department here at Tech, is also one of the most progressive. A basic knowledge of electricity, much to the dismay of countless M.E.'s and Chemical Engineers, is practically essential in most fields of science and engineering today. Electrical Engineering is a very rapidly expanding field, and the E.E. Department must keep abreast of the times to remain effective. The electronics field, in particular, is rapidly branching out in all directions. Computers, missile guidance, and extremely accurate detecting devices are only a few of the aspects of electronics which the modern electrical engineer may choose as a career. At Tech, in the recently remodeled Atwater-Kent Laboratories, the electrical engineering student is given an excellent course including many modern techniques and new approaches, as well as the fundamentals necessary for the completion of more advanced work.

As in most departments, the graduate program of the E.E. Department is limited. Most graduate students have graduate assistantships, and thereby release instructors from lab supervision to more important work, and lessen the financial load placed on the student for these additional several years of study.



First Row: Prof. George Stannard, Mr. Archie McCurdy, Prof. George Richardson, Prof. Theodore Morgan. Second Row: Prof. Hobart Newell, Prof. William Wadsworth, Prof. Owen Kennedy, Jr., Prof. Romeo Moruzzi. Third Row: Prof. William Locke, Prof. Douglas Howes, Prof. Russell Krackhardt, Prof. William Grogan.





*Seated:* D. Heath, J. Hochstaine, R. Herrick, J. Carpentiere, C. Stanhope, L. Hackett, R. Gagne, J. Freeman, R. Freeman. *Second Row:* G. St. Germain, D. Nordin, E. Gosling, R. Murphy, J. Quagliaroli, N. DiPilato, R. Armata, J. Calzone. *Third Row:* W. Morrison, P. Craugh, P. Parrino, W. Hanninen, J. Ryerson, S. Kazin.

## A.I.E.E.-I.R.E.

Since the foundation of the Joint Student Branch of the American Institute of Electrical Engineers and the Institute of Radio Engineers on the Tech campus, its objective has been to broaden the student's acquaintance with the engineering world outside the classroom. Membership also gives the student the opportunity to strengthen his social and technical bonds with classmates, instructors and graduate engineers. The meetings, directed toward this goal, consist of speakers, films and displays pertaining to the major topics of the period.

"The Polaris Missile System", depicting the latest in inertial guidance systems, opened this year's meetings. A discussion, entitled "Engineering in Medicine", provided an opportunity to learn about the most modern development in the technical field of medicine.

As usual, however, the highlight of the year was the annual picnic at which everyone present had an afternoon that will never be forgotten.



15-2, 15-4...

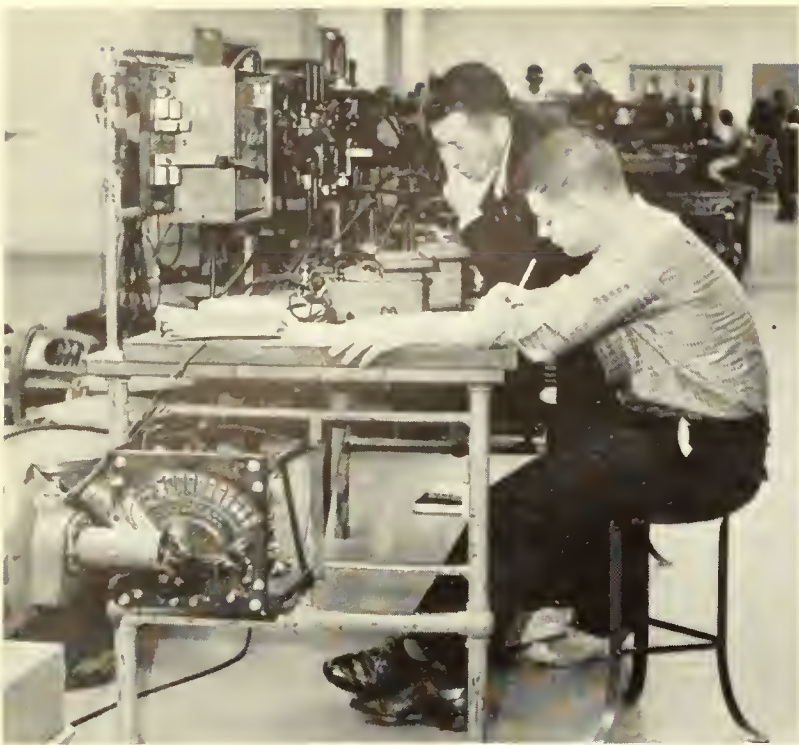


Finally!!

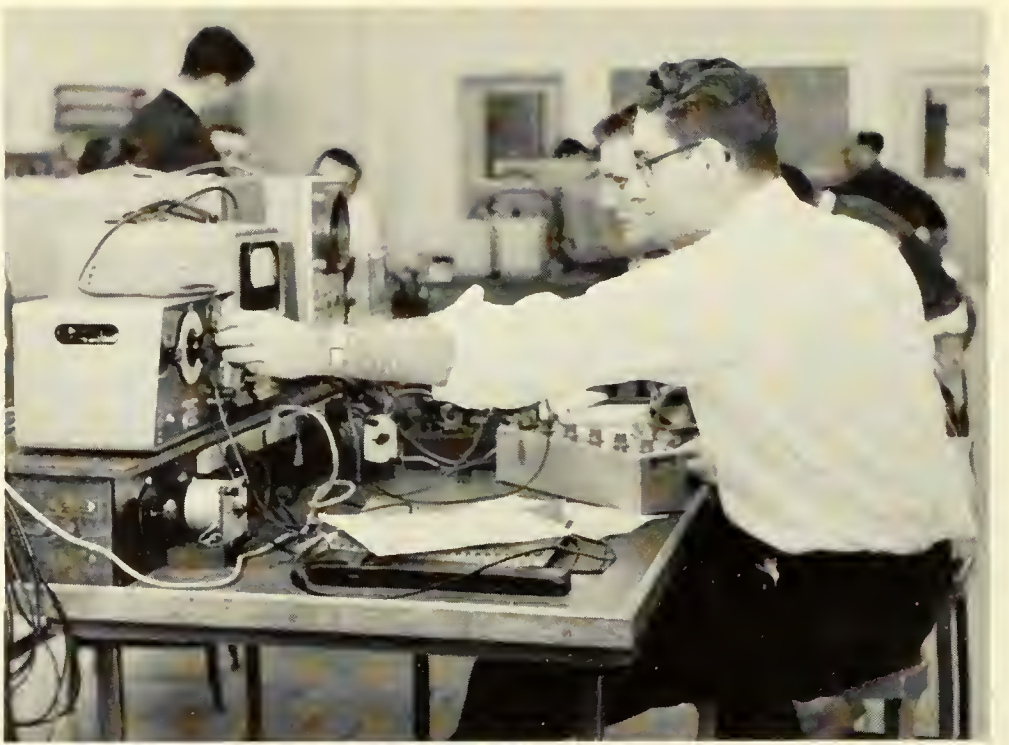


No peeking!

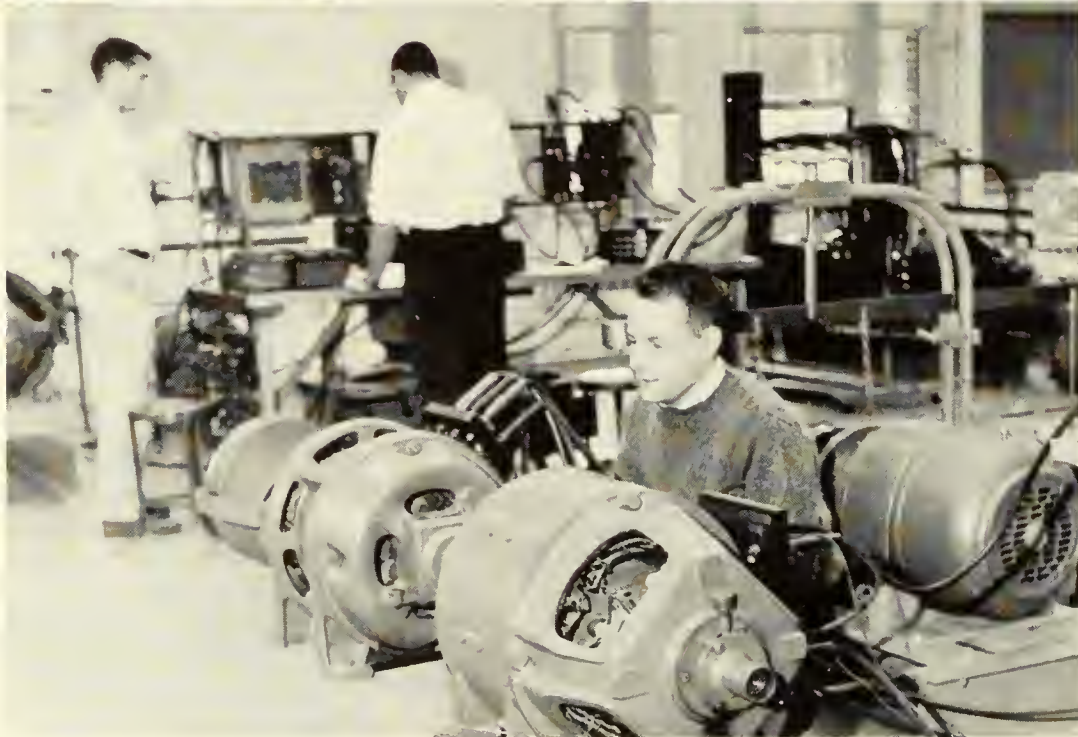




Well, now this poses a problem!



Right 38 . . .  
Left 10 . . .  
Right 19 . . .



Purr-r-r!!

### I.H.E.E.

"To create and promulgate a healthy academic spirit and to participate actively in worthy college endeavors, to provide an atmosphere of good fellowship and joyous comradie, to encourage a fuller social life, to stimulate and nurture an interest in the Seven Lively Arts, and to prevent an over supply of maltose beverages within the city of Worcester . . ." The above immortal lines of the Grand Charter of Alpha Chapter of the I.H.E.E. (I Hate Electrical Engineering) state precisely but eloquently the high ideals and standards of the most noble order. We, The Brothers of the glorious group have shown by these momentous goals that we are set apart from the common herd; a fact quite apparent by our colorful regalia, consisting of the straw hat, plaid vest; bow tie, white shirt and cane.

Resplendent in our ritual robes, once during the weekly grind we break the bonds of conformity and venture forth to the land of N.E.B., where an ever increasing supply of the foaming ichor of golden brew is depleted; and the problems of the mundane population receive our undivided attention.

In order that we may perpetuate the ideals and aspirations of our omnipotent order, we must come down from our great height and feret out diligently premium quality men to carry on the mountainous task of shaping men's minds under the inspirational facilities of the "nectar of the Gods".

In addition to our weekly meetings the social schedule inclues, annually, a trip to Carling's Brewery, a canoe trip on the Concord River, and a visit to the Boston Pop's, followed by partaking of excellent German cuisine and foamy beverage at Brother Jake Wirth's.

"The price of excellence is well worth the reward" — Caesar.



S. Kazin  
J. Calzone C. Matuzek  
J. Carpentiere, R. Ledoux, R. Schuessler, A. Thomas, G. Yule  
S. Gazoorian



# GRADUATES . . .

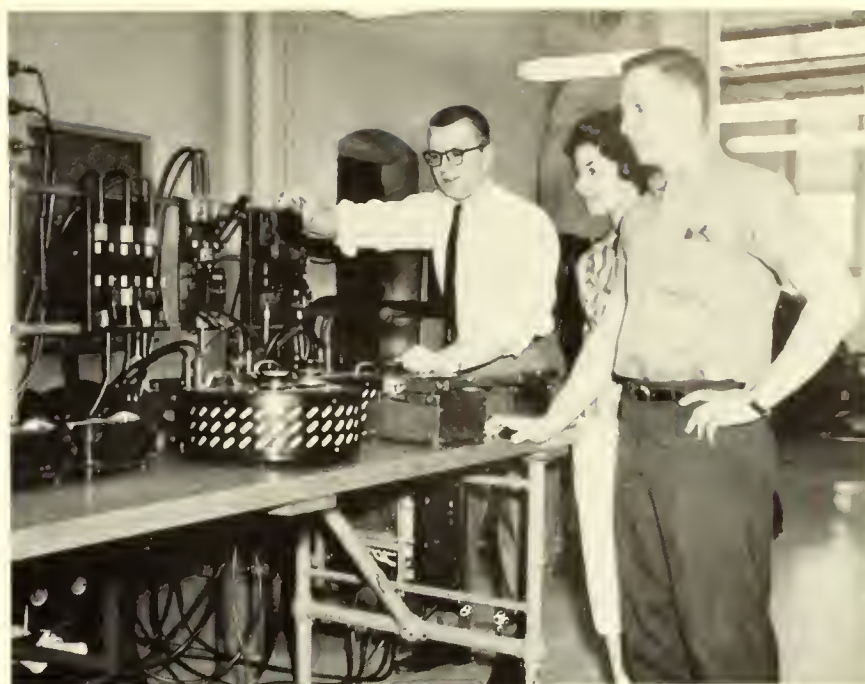
## E.E. Graduate Story

The E.E. graduate student program here at Tech, which has recently been expanded to offer a wider range of curriculum, has been in existence for forty years. A Master of Science degree is offered and can be procured in one year though it is usually done in two. No Doctorate program exists at present.

During the second year the student is occupied in doing research and written thesis, both of which are done in his choice of an E.E. specialty. He obtains aid in working out unusual problems by consulting with his instructors.

At the present time, the E.E. and M.E. grads are working on a digital computer which is designed to control water flow. These students have several underclassmen working for them and hope to finish the project this year. Several other E.E.'s are doing work in acoustics research in the sound lab.

Research or Teaching Assistantships are available for graduate students. These assistantships provide for free tuition and a monetary allotment, and engage the student in teaching labs and classes or working with the professors in research work. These students thus lighten the load on the professors while they themselves learn much about the work which they will later do in life.



Now this is how it works.



What happened!!!



Boy, look at those needles go!



*Seated:* C. Driscoll, E. Kearny, C. Stanhope, E. Arnold. *Standing:* L. Juei-po, B. Seastrom, F. Snively, B. Harper.



# 1961

## ELECTRICAL



Edward Arthur Altieri  
25 Morris Drive  
Hicksville, New York

*Phi Sigma Kappa*

"Ed"

Who's Who

Baseball 1, 2, 3, "W" 4; Basketball 1, 2; PED-  
DLER 3, 4; R.O.T.C. 1st Lt.; Class Vice-Pres. 3, 4.



Harold William Alatalo  
Howard Street  
Lunenburg, Massachusetts

ΣΕ

"Hal"



Calvin Einar Backstrom  
372 Central Street  
Auburn, Massachusetts

"Cal"

Radio Club 1, 2; I.R.E. 2, 3.



Raymond Jerome Cadet  
Pet Riv de l'Art  
Haiti

Cosmopolitan Club 1, 2, 3, Pres. 4; Council of  
Pres. 4.



William Calder  
7 Prescott Lane  
East Braintree, Massachusetts

*Phi Sigma Kappa*

"Bill"

Skull, Who's Who

Track "W" 1, 2, 3, 4; Football 1, 2, 3, "W" 4;  
Varsity Club 1, 2, 3, 4; Tech Senate 1, 2, 3, 4;  
Class Pres. 1, 2, 3, 4; Fraternity Treas. 3; PED-  
DLER 3, 4.





Joseph Andrew Calzone, Jr.  
Cape Road  
Milford, Massachusetts

*Sigma Alpha Epsilon* "Joe"  
TB II, HKN, D.M.S.  
PEDDLER 3, 4; R.O.T.C. Capt.; A.I.E.E. 2, 3, 4;  
I. F. Council 2; I.H.E.E. Pres. 4; Eta Kappa Nu  
Treas. 4; Tau Beta Pi Sec. 4; Fraternity Pres. 4.



Joseph Philip Carpentiere  
21 Botelle Manor  
Cromwell, Connecticut

*Sigma Alpha Epsilon* "Carp"  
TB II, HKN  
Skull, Who's Who, D.M.S.  
Cross Country 1, 2, "W" 3, Co-Capt. 4; Track  
1, 2, "W" 3, 4; Varsity Club 3, 4; PED-  
DLER 3, 4; R.O.T.C. Capt.; A.I.E.E. 1, 2, 3,  
Vice-Pres. 4; I.F. Council 3, 4; Eta Kappa Nu Sec.  
4; Skull Pres. 4; Fraternity Pres. 4.



Richard David Cohen  
2708 Whitney Avenue  
Baltimore, Maryland

*Alpha Epsilon Pi* "Dick"  
Tennis "W" 1, 2, Capt. 3, 4; Varsity Club 2, 3, 4.



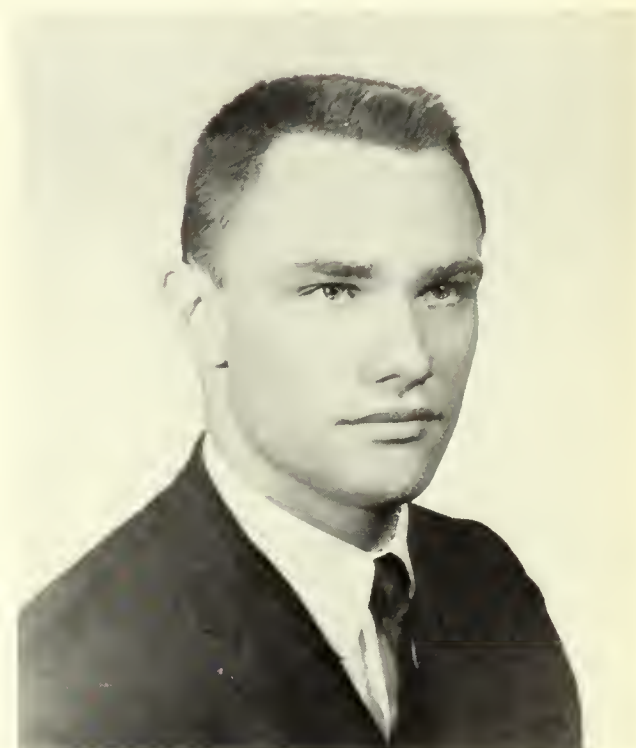
Douglas Howard Cormier  
16 South Street  
Middlebury, Vermont

*Theta Chi* "Doug"  
TECH NEWS 2, 3, 4; PEDDLER STAFF 1, 2, 3,  
4; Fraternity President 4.



Rudolph Edward Croteau  
330 Main Street  
South Grafton, Massachusetts

*Lambda Chi Alpha* "Rudy"  
TECH NEWS 1, 2; Masque 3.



Richard Thomas Davis  
15 Coolidge Avenue  
Glen Head, New York

*Lambda Chi Alpha* "R.T."  
R.O.T.C. 2nd Lt.; Band 1; A.I.E.E. 2, 3, 4; Wrest-  
ling Club 1, 2, "W" 3, 4; Fraternity Vice-Pres. 4.





Nino Mario DiPilato  
159 Elliott Street  
Worcester, Massachusetts

*Phi Kappa Theta* "Nino"  
R.O.T.C. Capt.; A.I.E.E. 2, 3, 4; Newman Club  
1, 2, 3, 4.



Arthur Edward Dobreski  
76 Collier Avenue  
Bristol, Connecticut

*Theta Chi* "Art"  
Basketball 2, 3; PEDDLER 2, 3, 4; Masque 2, 3, 4;  
Cosmopolitan Club 1; Tech Auto Club 2, 3; New-  
man Club 1, 2, 3; A.I.E.E. 2, 3, 4.



James Rocco Duca  
56 Waverly Street  
Framingham, Massachusetts

*Sigma Alpha Epsilon* "Duke"  
A.I.E.E. 1, 2, 3, 4.



Alfred Lawrence Dunklee  
11 Chase Street  
Brattleboro, Vermont

"Al"  
 $\Sigma E$   
Radio Club 1, 2; Cosmopolitan Club 3, 4; A.I.E.E.  
2, 3, 4; Shield 1, 2, 3, 4.



Frederick Louis Duval  
3 Free Stone Avenue  
Cromwell, Connecticut

*Phi Kappa Theta* "Duv"  
Who's Who  
Football "W" 1, 2, 3, 4; Baseball 1, "W" 2, 3, 4;  
Basketball 1, 2, Varsity Club 1, 2, 3, 4; TECH  
NEWS 2, Make-up Editor 3, 4; Tech Senate 1;  
Class Vice-Pres. 2.



James Edmund Fay  
5 Hemlock Street  
Worcester, Massachusetts

"Jim"  
 $\Sigma E$   
A.I.E.E. 3, 4.





Howard Richard Freeman  
758 Lincoln Avenue  
Bridgeport, Connecticut

*Alpha Epsilon Pi* "Dick"  
TB II, HKN  
Glee Club 1, 2; Boyntonians 1, Pres. 2, 3, 4;  
Band 1, 2, 3, Pres. 4; Radio Club 1; R.O.T.C. 1st  
Lt.; Council of Pres. 4; A.I.E.E. 2, 4; Fraternity  
Treas. 2.



Wayne Forman Galusha  
Station C., Route 20  
Worcester, Massachusetts

I.R.E. 1, 2, 3, 4.



Sarkis Leon Gazorian  
16 Westminster Street  
Worcester, Massachusetts

*Sigma Phi Epsilon* "Lee"  
Track "W" 1, 2, 3; Football 2; Varsity Club 1,  
2, 3, 4; Boyntonians 1, 2, 3, 4; Band 1, 2;  
R.O.T.C. 2nd Lt.; Tech Senate 2; A.I.E.E. 1, 2.



Norman Irving Ginsburg  
50 Waverly Street  
Worcester, Massachusetts

*Alpha Epsilon Pi* "Norm"  
D.M.S.  
Cross Country 1; Rifle Club 1, 2, 3, 4; R.O.T.C.  
Capt.; Fraternity Sec. 2.



Martin Syrl Gordon  
33 Draper Street  
Springfield, Massachusetts

*Alpha Epsilon Pi* "Marty"  
Bridge Club 1, 2, 3, 4; R.O.T.C. 2nd Lt.; A.I.E.E.  
1, 2.

1961



# 1961

## ELECTRICAL



Lee Philip Hackett  
125 Portland Street  
St. Johnsbury, Vermont

*Theta Chi*

D.M.S.

PEDDLER 2; Boyntonians 1, 2; Band 1, 2, 3, 4;  
R.O.T.C. Capt.; Council of Pres. 4; A.I.E.E. 2, 3,  
Pres. 4; Tech Auto Club 1, 2, 3, 4.



Lawrence Lee Israel  
967 Pleasant Street  
Worcester, Massachusetts

*Alpha Epsilon Pi*

"Larry"

Bridge Club 1, 2, 3; Chess Club 1, 2, 3.



Joseph John Janik  
345 Burritt Street  
New Britain, Connecticut

*Theta Chi*

PEDDLER 2, 3, 4; Masque 2, 3, 4.

"Joe"



Allen Lloyd Johnson  
1532 Slaterville Road  
Ithaca, New York

"Al"



Richard Wesley Johnson  
91 Glover Street  
Fairfield, Connecticut

"Dick"

$\Sigma E$

A.I.E.E. 2, 3, 4.





Harold Lloyd Jurist  
39 Burncoat Street  
Worcester, Massachusetts  
*Alpha Epsilon Phi* "Hal"  
Masque 1, 2, 3, 4; R.O.T.C. 2nd Lt.; A.I.E.E. 4.



Stuart Carleton Kazin  
257 Front Pleasant Avenue  
Springfield, Massachusetts  
*Alpha Epsilon Pi* "Stu"  
Who's Who, D.M.S.  
Track 2; Basketball 2, 3, Mgr. 4; Soccer 1;  
R.O.T.C. Capt.; A.I.E.E. 2, 3, 4; S.S.C. 2; Fra-  
ternity Pres. 4.



Arthur Wallace Kroll  
Cooper Road  
Northbridge, Massachusetts  
*Sigma Phi Epsilon* "Art"  
PEDDLER 1; Boyntonians 1, 2; Band 1; Student  
Leader 2; Camera Club 4; A.I.E.E. 2, 3, 4;  
A.S.M.E. 1, 2; P.C.F. 1, 2, Chaplain 3, 4.



Richard George Ledoux  
39 Dean Street  
Worcester, Massachusetts  
*Lambda Chi Alpha* "Dick"  
Rifle Club "W" 1, 2, Pres. 3, 4; Varsity Club  
3, 4; Bridge Club 2, 3, 4; Council of Pres. 3;  
A.I.E.E. 2; I.F. Council 2, 3; Fraternity Pres. 4.



Charles Robert Lehtinen  
92 Barthel Avenue  
Gardner, Massachusetts  
*Sigma Alpha Epsilon* "Whitey"  
Baseball 1, "W" 2, 3, 4; Varsity Club 3, 4.



John Bayard Lewis  
Lyons Plains Road  
Weston, Connecticut  
*Sigma Phi Epsilon* HKN  
R.O.T.C. 2nd Lt.; Wrestling Club 1, 2, 3, 4.





Allan Wayne Madnick  
35 Great Brook Valley Avenue  
Worcester, Massachusetts

*Alpha Epsilon Pi*

R.O.T.C. 2nd Lt.; A.I.E.E. 2.

"Al"



Conrad Francis Matuzek  
14 Harding Street  
South Grafton, Massachusetts

*Alpha Tau Omega*

"Connie"

Skull, Who's Who

Baseball 1, 2; Soccer 2; TECH NEWS 1; I.F.  
Council 2, 3, 4; S.S.C. 4.



Eugene Randall Morse  
16 Walnut Street  
Oxford, Massachusetts

*Theta Chi*

"Randy"

PEDDLER 2, 3, 4; Glee Club 2; Nautical Ass'n.  
1; A.I.E.E. 2, 3, 4.



Richard Hugh Nelson  
30 Englewood Avenue  
Brookline, Massachusetts

*Phi Gamma Delta*

"Dick"

TB II, HKN

Soccer 1, 2; Lacrosse 1, 2, 3; Nautical Ass'n 1, 2;  
R.O.T.C. 1st Lt.; A.I.E.E. 2, 3, 4; Protestant  
Christian Fellowship Vice-Pres. 3; Eta Kappa Nu  
Pres. 4.



Moussit Noradoukian  
16 Rue Adriatique  
Alexander, Egypt

"Mo"

Camera Club 2, 3, 4; Cosmopolitan Club 2, 3, 4;  
A.I.E.E. 2, 3, 4.



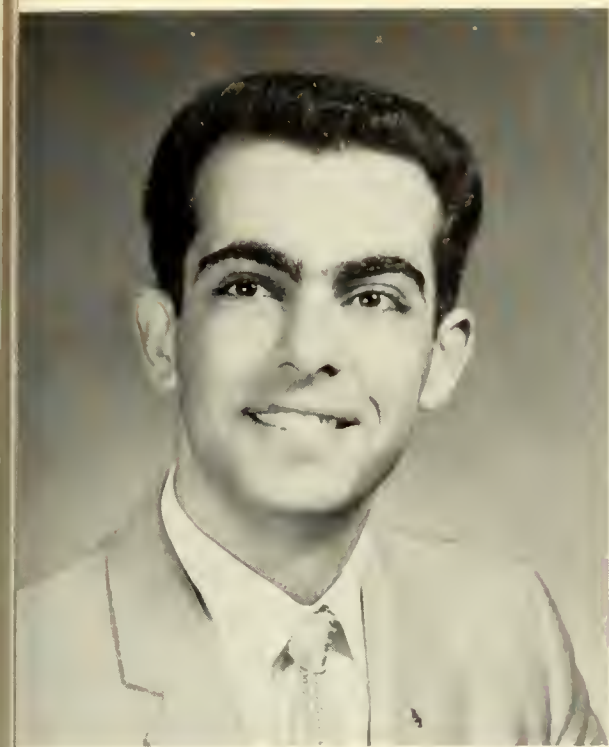
Alan Carl Novaco  
171 Mountain View Avenue  
Nutley, New Jersey

*Theta Chi*

"Nick"

Baseball 2, Mgr. 3; PEDDLER 3, 4; Masque 2, 3,  
4; A.I.E.E. 4.





Garo Papazian  
24-37-33rd Street  
Astoria, New York

*Sigma Alpha Epsilon*

"Gary"



Won Kyung Park  
112 Kwan Hoon Dong  
Seoul, Korea



Walter Eugene Pillartz, Jr.  
116 Parkway Drive  
Stratford, Connecticut

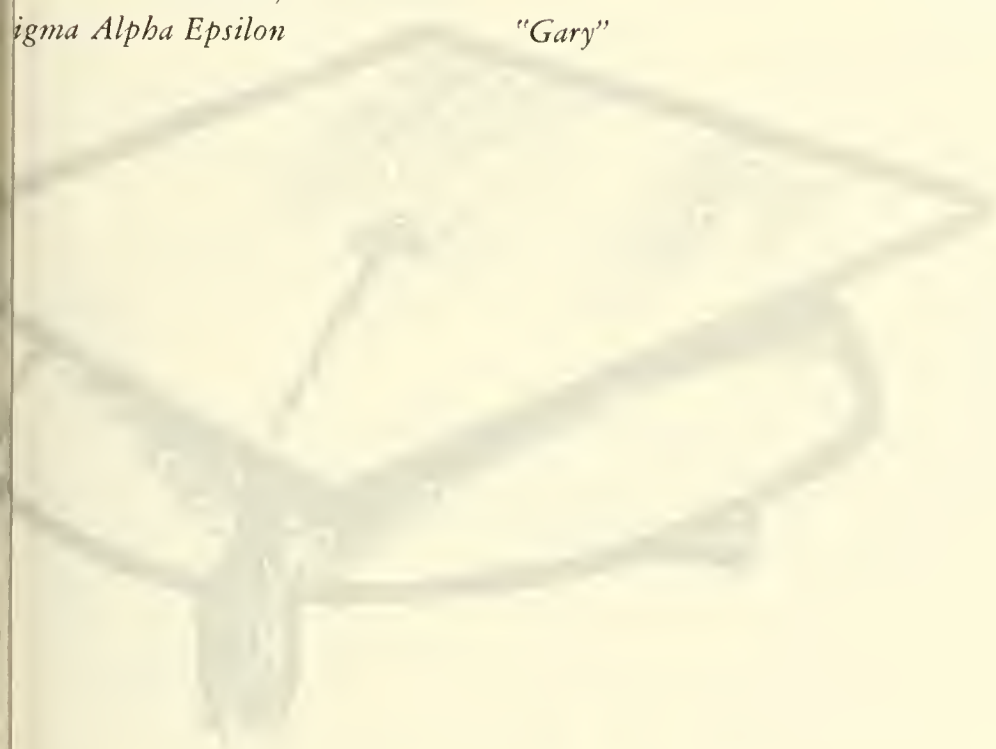
*Phi Kappa Theta*

"Lartz"

ΠΔΕ

Who's Who, D.M.S.

TECH NEWS 1, 2, 3, News Editor 4; Band 2, 3;  
PEDDLER 2; R.O.T.C. Capt.; Council of Pres. 4;  
A.I.Ch.E. 2, 4; Newman Club 1, 2, Pres. 3, 4;  
Fraternity Vice-Pres. 4.



Thomas Edward Postma  
512 Church Street  
Whitinsville, Massachusetts  
ΣΕ



Erik William Pottala  
120 Mechanic Street  
Fitchburg, Massachusetts  
*Phi Sigma Kappa*

ΣΕ

PEDDLER 3; A.I.E.E. 2, 3, 4; Wrestling 3.

1961

ELECTRICAL



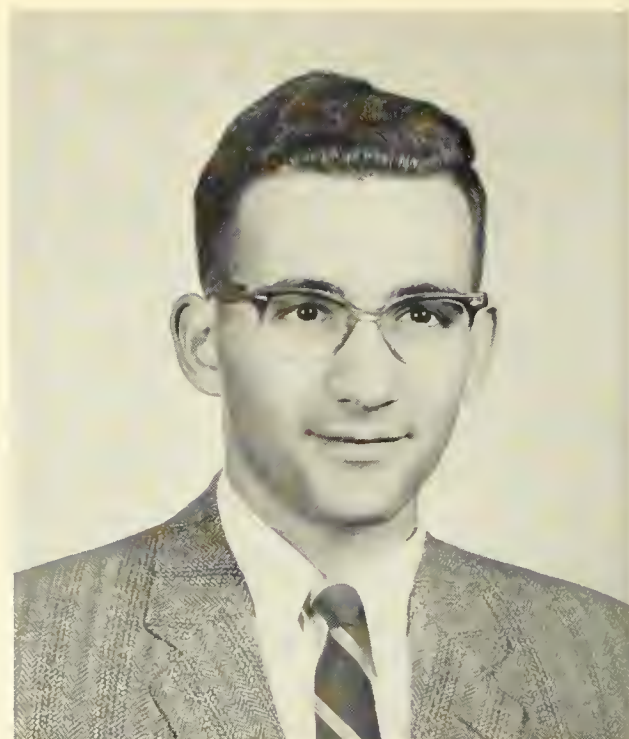
# 1961

## ELECTRICAL



John Anthony Quagliaroli  
598 Main Street  
Newington, Connecticut

*Phi Kappa Theta* "Quag"  
Basketball 1, 4; Soccer 3, 4; TECH NEWS 1, 2;  
R.O.T.C. Capt.; A.I.E.E. 2, 3, 4; Newman Club  
1, 2, 3, 4.



David Mardell Raab  
31 Alben Road  
Newton, Massachusetts

"Dave"  
TECH NEWS 3, Photography Editor 4; Camera  
Club 1, 2, Pres. 3, 4; Bridge Club 1; Nautical  
Ass'n 1, 2; Council of Pres. 3, 4; Chess Club 1, 2,  
3, 4.



Alan Chester Roseen  
56 Stoneleigh Road  
Holden, Massachusetts

"Rusty"

Glee Club 3, 4; Octet 3, 4.



Allan Craig Rowley  
Route 85  
Amston, Connecticut

*Theta Chi* "Craig"  
Lacrosse 3; Swimming 1; PEDDLER 1, 2, 3, Art  
Editor 4; R.O.T.C. Capt.; A.I.E.E. 1, 2, 3, 4; Fra-  
ternity Vice-Pres. 4.



Merrill Rutman  
1008 Chestnut Street  
Manchester, New Hampshire

*Alpha Epsilon Pi*  
TECH NEWS 3, 4; Octet 3, 4; R.O.T.C. 2nd Lt  
A.I.E.E. 2, 3, 4; Pershing Rifles 1, 2; Fraternit  
Treas. 4.





John Lawrence Ryerson  
72 Powers Street  
Needham, Massachusetts

*Theta Chi*

HKN

PEDDLER 1, 2, 3, Managing Editor 4; Masque  
1, 2, 3, 4; R.O.T.C. 2nd Lt.; A.I.E.E. 1, 2, 3, 4;  
Wrestling Club 1.



Robert Frank Schuessler  
419 Primrose Avenue  
Oradell, New Jersey

*Phi Sigma Kappa*

"Bob"

Basketball 1, "W" 2, 3, Co-Capt. 4; Varsity Club  
2, 3, Pres. 4; Council of Pres. 4; Newman Club  
1, 2; Arts Society 1, 2, 3, 4.



Paul Stanley Sledzik  
52 Poland Street  
Webster, Massachusetts

*Phi Kappa Theta*

"Paul"

Skull, Who's Who

Track 2; Football "W" 1, 2, 3, Co-Capt. 4; La-  
crosse "W" 1, 3; Varsity Club 1, 2, 3, 4; TECH  
NEWS 1, 2, 3, Co-Sports Editor 4; PEDDLER 3,  
4; R.O.T.C. Capt.; Tech Senate 1; S.S.C. 2, 3, 4;  
Athletic Council 3.



Harvey Jordan Slovin  
56 Granite Street  
Worcester, Massachusetts

*Alpha Epsilon Pi*

"Harv"

A.I.E.E. 2, 4.



David Harold Sorenson  
141 South Broad Street  
Meriden, Connecticut

*Sigma Phi Epsilon*

"Harold"

Track 1, 2; Soccer 1, 2, 3, "W" 4; Band 1;  
R.O.T.C. 2nd Lt.; A.I.E.E. 2, 3, 4.



Roger Warren Strickland  
Strickland Street  
Portland, Connecticut

"Strick"

Masque 3, 4; Radio Club 1, Pres. 2, 3, 4; Council  
of Pres. 2, 3; A.I.E.E. 4.





Richard Edwin Taylor  
29 Great Brook Valley Avenue  
Worcester, Massachusetts

*"Dick"*

Radio Club 1, 2.



Albert Ronald Thomas  
74 Crescent Drive  
Albany, New York

*Phi Gamma Delta*

*"Ron"*

Lacrosse 1, 2, 3, "W" 4; I.F. Council 4; Basketball  
2, Mgr. 3; Fraternity Treas. 4.



Stephen David Tritter  
469 Lake Avenue  
Worcester, Massachusetts

Nautical Ass'n 4.



William Stuart Visser  
372 Hill Street  
Whitinsville, Massachusetts

*"Bill"*

A.I.E.E. 2, 3, 4.



Richard Henderson Vogel  
147 Five Mile River Road  
Darien, Connecticut

*Sigma Phi Epsilon*

*"Rich"*

Football Mgr. 4; Baseball Mgr. 4; Lacrosse 1, 2;  
Nautical Ass'n 1, 3; A.I.E.E. 2, 3, 4.



Donald William Wilmot  
27 Memorial Terrace  
Putnam, Connecticut

*Tau Kappa Epsilon*

*"Don"*

Cross Country 1; Track 2; TECH NEWS 1; Fra-  
ternity Treas. 3.





Maung Nyi Win  
20 Baho Street  
Rangoon, Burma



Bruce Whitman Woodford  
26 Pearl Street  
Westfield, Massachusetts  
*Alpha Tau Omega* "B"  
TB II, HKN  
Who's Who  
Masque 2, 3, 4; Camera Club 1; Debating Club  
1, 2, 3, Pres. 4; R.O.T.C. Major; Council of Pres.  
Sec. 4; A.I.E.E. 2, 3, 4; Tau Beta Pi Pres. 4.



Edmund Thomas Wozniak  
53 Shawmut Avenue  
Holyoke, Massachusetts  
"Ed"  
R.O.T.C. 1st Lt.; A.I.E.E. 1, 2, 3, 4.



Joseph Nahum Wrubel  
100 Hunting Hill Avenue  
Middletown, Connecticut  
*Alpha Epsilon Pi* "Joe"  
TECH NEWS 2; Band 2, 3, 4; Bridge Club 2, 3,  
4; A.I.E.E. 2; Fraternity Treas. 4.



George Michael Yule  
21 Catherine Street  
Cromwell, Connecticut  
*Phi Kappa Theta*  
Football 1, "W" 2, 3, 4; Basketball 1; Varsity  
Club 1, 2, 3, 4; Glee Club 2, 3, 4; Masque 3, 4;  
A.I.E.E. 2, 3, 4; Newman Club 1, 2, 3, 4.

1961



# MECHANICAL ENGINEERING



**Professor Donald Nelson Zweip**  
*Head of Department*

The curriculum of the Department of Mechanical Engineering is a basic course and a very important one to society. Although mechanical engineering has not grown quite so rapidly in recent years, it is nevertheless, the backbone of industry. The M.E. is concerned in a large way with machine tools, power, and basic design. These fields are the basis without which most other fields could not operate. The automobile industry for example is one of America's largest employers which depends to a great extent on the mechanical engineer.

At W.P.I., the M.E.'s housed in Higgins Laboratories are given an excellent preparation in the basic courses: statics, dynamics, strength of materials, thermodynamics and others which are essential to their profession. Much to the woe of an ever increasing number of E.E.'s, however, these courses are also considered basic to them. The Mechanical Engineering department at Tech is extremely well equipped to handle the problems of modern instruction and techniques. Although Washburn Shops may leave a little to be desired in the way of ultra-modern surroundings, the machine shop background obtained there is necessary as a supplement to the theoretical work taught in the classroom. All in all, the mechanical engineering graduate of Worcester Tech faces the business world well equipped to solve the problems of his profession.



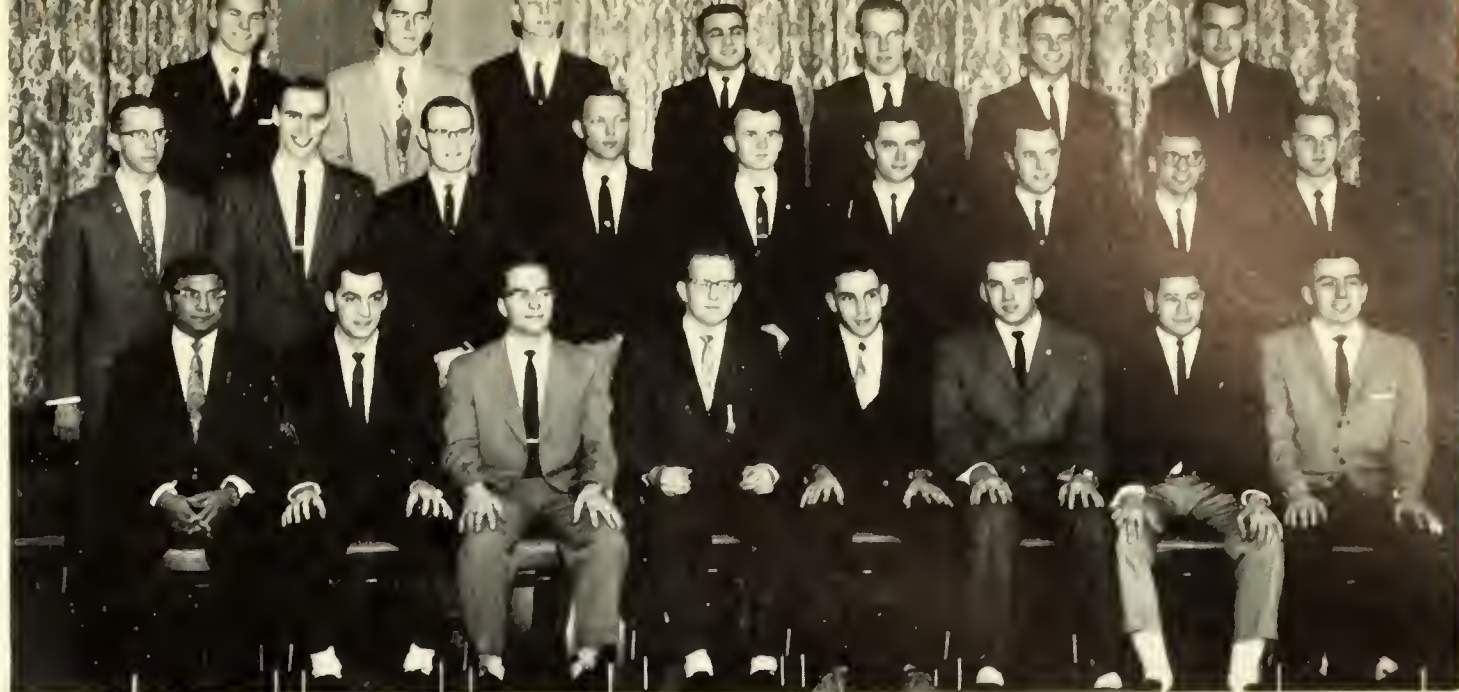
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J., Scott, K. E., Corey, H. S., Anderson, F. A. *Last Row:* Hammond, T., Staples, C. W., Yankee, H. W., Kistler, W. A., Roys, A. T., Kauslarich, J. J., Borden, R. R., Grandin, H. T.



*Seated:* R. Federico, R. Dufries, R. Hale, F. Verpraukas, R. Kosky, R. Zidziunas, J. Sullivan, A. Jalil. *Standing:* S. Osterling, J. Forand, W. Pierce, W. Anthony, B. Simmon, P. Roseen, E. Weber, B. Booker.

*Front Row:* A. Jalil, R. Federico, R. Hale, R. Schomber, S. Brodie, A. Sherman, J. Erlich, E. Cruz. *Second Row:* W. Wilcock, R. Faulk, J. Sullivan, R. Kosky, R. Zidziunas, W. Brutsch, R. Nixon, F. Marra, F. Eitel. *Back Row:* J. Forand, W. Pierce, R. Dufries, T. Cocca, P. Parmenter, W. Anthony, D. France.



## A.S.M.E.

The highlight of this year's program of the American Society of Mechanical Engineers was a combined field-trip and supper with the senior society on November 10, 1960. Fascinating and informative trips were conducted through Reed Rolled Thread and Die, Morgan Construction Company and Norton Abrasives. An informal gathering of students and professional engineers followed the dinner.

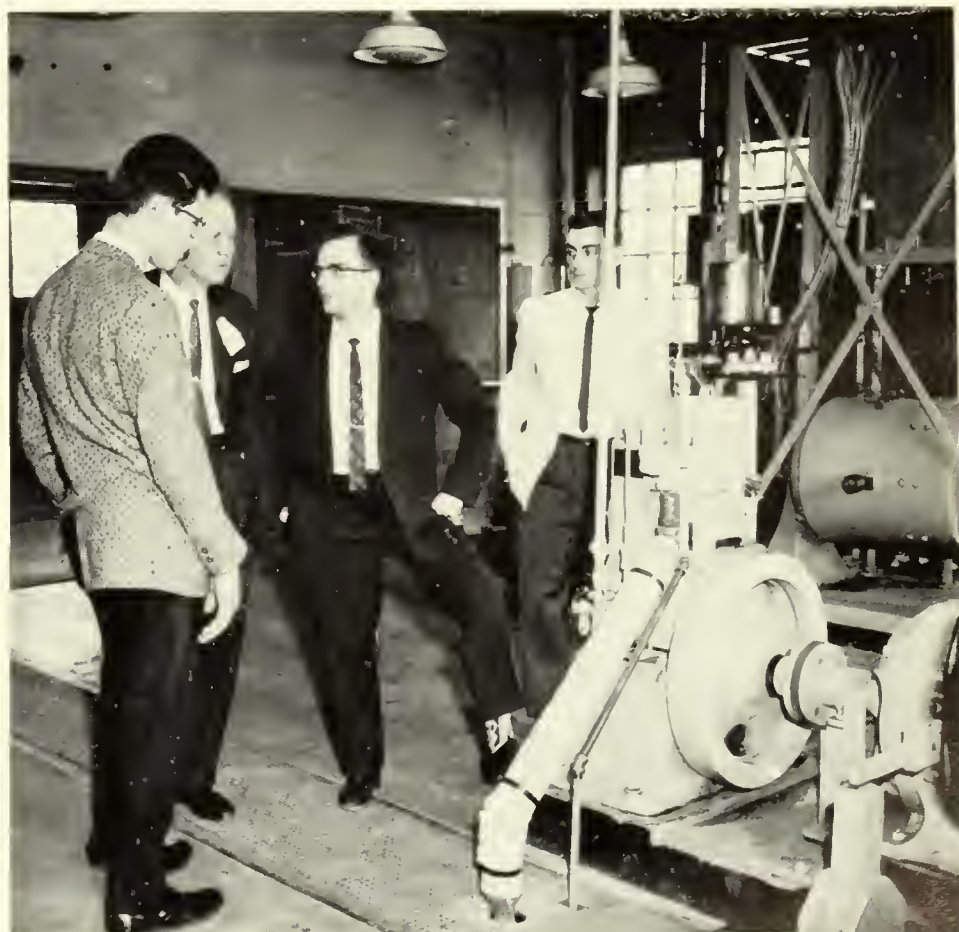
This year, the guiding thought behind all of the A.S.M.E. meetings was to make them be a service to the interests and needs of the student members. For seniors taking interviews, Mr. Henry Hutton, a recruiting manager for the M.E. division of General Electric Company, spoke of the type of work engineers

perform in industry. In addition to this, speakers from various technical fields gave students deeper insight into the engineering profession. Also numerous films were shown throughout the year on many interesting and stimulating subjects.

Finally, as a climax to the program, the student paper contest was held toward the end of the school year. In this contest, students with creative ideas presented them in competition before the A.S.M.E. student body and a panel of judges from industry and the school faculty. The winner of this contest, in addition to receiving an engineering handbook, was sent to the regional contest at Brown University to compete against students from other Region I schools.



Draw a full section here, Frosh.

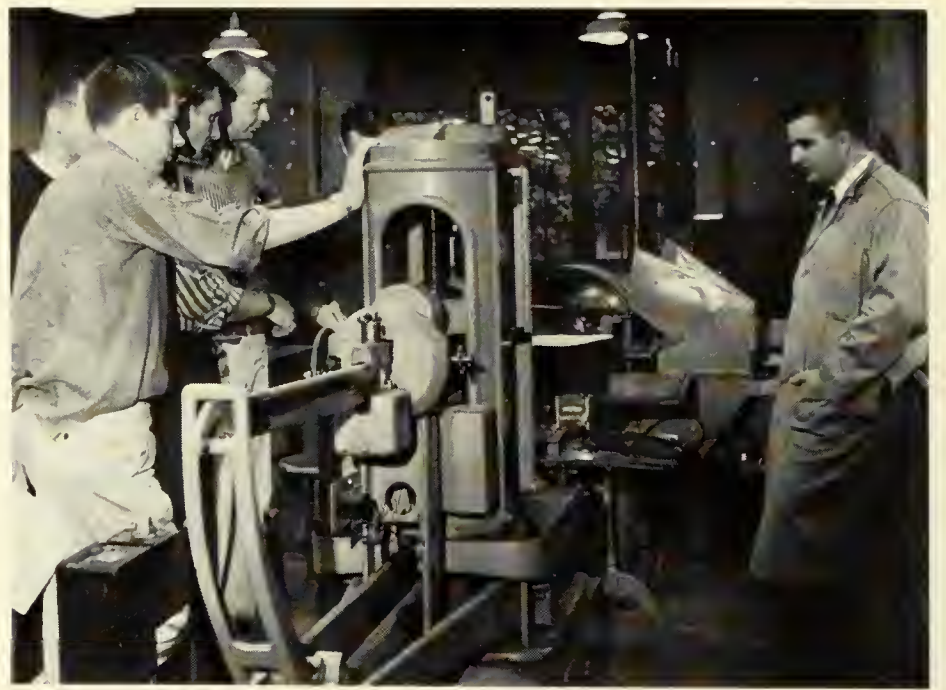


It's not a Ford product but . . .





"Searching for some hysteresis."



"The M.E. boys cracking an egg."



"Professor Webster making an adjustment."



5 . . 4 . . 3 . . 2 . . 1



Progress check.



Mechanically it's impossible.



# GRADUATES . . .



*Seated:* R. Peters, H. Weaver, R. Bosma, S. Rybczyk, S. Flower. *Standing:* Y. Chan, R. Kangas, J. Little, J. J. Weber, R. Chechile, R. George, D. Flower.

## M.E. Graduate Students

The Mechanical Engineering Department graduate program has been enlarged during the past years in regard to both curriculum and the number of students. Twenty men from such schools as M.I.T., R.P.I., Duke, Notre Dame, and The National Taiwan University are now taking advantage of this program.

The addition of the nuclear reactor facility has created an extensive reactor technology program ably conducted by Professor Leslie Wilber. At the reactor site, investigation is being carried out pertaining to the design of a pile oscillator that will determine atomic cross sections. Two recent Worcester Tech graduates are presently engaged in the research of bimetallic castings. Eventually it is anticipated a commercial application will result whereby clad metals may be casted onto uranium fuel elements. This work is being done under the contract Worcester Tech currently has with the Atomic Energy Commission.

In the field of powder metallurgy another Tech grad is working to determine the role of surface tension in the sintering of powdered metal compacts. Investigation into the stability criterium for boring bar operations is also under way, thus predictions involving the maximum chatter that a bar of specific dimensions would make during boring operations may be attained.

In each of these operations, great strides have been made by the Mechanical Engineering department to provide the graduate student with an education that is truly a challenge. The M.E. graduate student can thus secure for himself a better preparation for the scientific and technological world in which we live.



Tom Poole and J. J. Weber using an induction furnace.



That's not how it is!!!



Robert Bosma and Professor Wilbur applying a radiation detector called a "cutie pie."



# 1961

## MECHANICAL



Henry Peter Allesio  
51 Melrose Avenue  
Pittsfield, Massachusetts  
*Phi Sigma Kappa* "Hank"  
Lacrosse 2, "W" 3, 4; R.O.T.C. 2nd Lt.



Richard Donald Andrews  
7 Loudon Street  
Worcester, Massachusetts  
*Phi Kappa Theta* "Dick"  
R.O.T.C. 2nd Lt.



William Lionel Anthony, Jr.  
67 Forest Street  
Torrington, Connecticut  
*Lambda Chi Alpha* "Bill"  
 $\Sigma E$   
 $\Pi T \Sigma$ , D.M.S.  
Boynntonians 1; Band 1, 2; Masque 3, 4; R.O.T.C. 2nd Lt.



Peter Duryea Beekman  
1410 Union Street  
Schenectady, New York  
*Phi Gamma Delta* "Pete"  
Basketball 1, 2; Nautical Ass'n 1, 2, 3.



Donald Kenneth Bottomley  
36 Wollaston Street  
Cranston, Rhode Island  
"Don"  
Track 1; Camera Club 4; Hockey Club 1, 2, 3.





Mark Britanisky  
310 North 79th Street  
New York, New York

*Alpha Epsilon Pi*

Basketball 1; R.O.T.C. Capt.; A.S.M.E. 2, 3, 4.



Stephen Bruce Brody  
174 Jefferson Street  
Dedham, Massachusetts

*Alpha Epsilon Pi*

"Steve"

Basketball 1; TECH NEWS 1, 2, 3, 4; R.O.T.C.  
2nd Lt.; A.S.M.E. 2, 3, 4.



Nicholas Anthony Caputo  
124 Constitution Avenue  
Worcester, Massachusetts

"Nick"



Thomas Kyle Caste  
18 Lancaster Street  
Worcester, Massachusetts

*Phi Gamma Delta*

"T. Kyle"

Soccer 1, "W" 2, 3, Co-Capt. 4; Swimming "W"  
2, 3, Capt. 4; Varsity Club 2, 3, Pres. 4; Masque 4;  
Nautical Ass'n 1, 2, 3; Council of Pres. 4; A.S.M.E.  
1, 2, 3.



Eduardo Cruz  
Avenida 9 No. 9-24  
Cali, Columbia

*Lambda Chi Alpha*

"Ed"

Cosmopolitan Club 2, 3; A.S.M.E. 2, 3.



Theodore Angelo Cocca  
1558 Van Vranken Avenue  
Schenectady, New York

*Lambda Chi Alpha*

"Ted"





Edward Russell Desplaines  
9 Pearl Street  
Spencer, Massachusetts

"Ed"

Track 1, 2.



Edward Patrick Donoghue  
22 Bowdoin Street  
Worcester, Massachusetts  
*Phi Gamma Delta*  
I.F. Council 4; Fraternity Pres. 3.

"Ed"



Edward Francis Dowling  
181 Beacon Street  
Framingham, Massachusetts  
*Sigma Alpha Epsilon*  
ΠΤΣ  
Glee Club 1, 4; A.S.M.E. 3, 4.

"Eddie"



Ronald Wayne Dufries  
4 June Street Terrace  
Worcester, Massachusetts

"Ron"

ΠΤΣ, D.M.S.

R.O.T.C. Major.



Michael Vasilios Economou  
30 Roger Street  
Southbridge, Massachusetts

"Mike"

Bridge Club 2, 3, 4.



Frederick George Eitel  
R.F.D. #1  
Litchfield, Connecticut  
*Sigma Alpha Epsilon*

"Fred"

ΠΤΣ

Lacrosse 1; A.S.M.E. 4; Tech Auto Club 1, 2, 3, 4;  
Wrestling Club 2, 3, 4.





Roger Eugene Faulk  
Box 161  
Philmont, New York

*Tau Kappa Epsilon* "Rog"  
Boyntonians 1; A.S.M.E. 1, 2, 3, 4; I.F. Council  
3, 4; Tech Auto Club 1, 2, 3, 4.



Richard Henry Federico  
573 Hollis Street  
Framingham, Massachusetts  
*Sigma Alpha Epsilon* "Richie"  
ΠΤΣ  
A.S.M.E. 1, 2, 3, 4.



David Frank Finlayson  
24 Juniper Road  
Worcester, Massachusetts

ΣΞ

"Dave"



John Joseph Gabarro  
Adams Road  
East Brookfield, Massachusetts

*Phi Kappa Theta* "Jack"  
ΠΔΕ, D.M.S.  
Skull, Who's Who

TECH NEWS 1, 2, 3, Editor-in-Chief 4; PED-  
DLER 1, 2, 4; R.O.T.C. Lt. Col.; Council of Pres.  
3, 4; A.S.M.E. 2, 4; Newman Club 1, 2, 3, 4; Class  
Secretary 4; Fraternity Pres. 4.



Robert Ramon Hale  
68 Maple Avenue  
Claremont, New Hampshire

*Theta Chi* "Bob"  
ΠΤΣ

PEDDLER 2, 3, 4; Glee Club 1, 2; Debating Club  
1; A.S.M.E. 1, 2; Tech Auto Club 1, 2, Vice-Pres.  
3, 4; Fraternity Sec.

1961

MECHANICAL



# 1961

## MECHANICAL



**John Harrington Herron**  
294 West Wyoming Avenue  
Melrose, Massachusetts

*Alpha Tau Omega*

Masque 2, 3, 4; Nautical Ass'n 1, 2, 3, 4; A.S.M.E. 2, 3, 4.



**Bradley Edwin Hosmer**  
104 Elmwood Avenue  
Longmeadow, Massachusetts

*Sigma Phi Epsilon*

"Brad"

ΠΔΕ

Skull, Who's Who

Lacrosse "W" 1, 2, 3, Capt. 4; Varsity Club 1, 2, 3, 4; TECH NEWS 1, 2, 3, Co-Sports Editor 4; Council of Pres. 2, 3; Tech Senate 4; PEDDLER 1, 2, 3, 4; Camera Club 1; R.O.T.C. Major; A.S.M.E. 2, 4; I.F. Council 4; Class Treas. 1, 2, 3; Hockey Club "W" 1, 2, 3, Capt. 4; Pi Delta Epsilon Pres. 4.



**William Doward Hoover, Jr.**  
R.F.D. #1  
Altamont, New York

"Bill"



**Alfred Enoch Irelan**  
103 Ellis Street  
Seekonk, Massachusetts

*Phi Sigma Kappa*

"Al"

Track "W" 3, 4; Swimming 1, 2; PEDDLER 2; A.S.M.E. 2; Fraternity Pres. 4.



**Asjed Ahmed Jalil**  
Serene Villa  
Alexandra Road  
Bombay, India

ΠΤΣ

Cosmopolitan Club 1, 2.

"Asjed"





George Leonard Johnson  
36 Elm Street  
East Hartford, Connecticut

*Phi Sigma Kappa*

ΠΤΣ

R.O.T.C. 2nd Lt.

"Len"



Walter Harry Johnson  
47 Harvard Street  
Worcester, Massachusetts

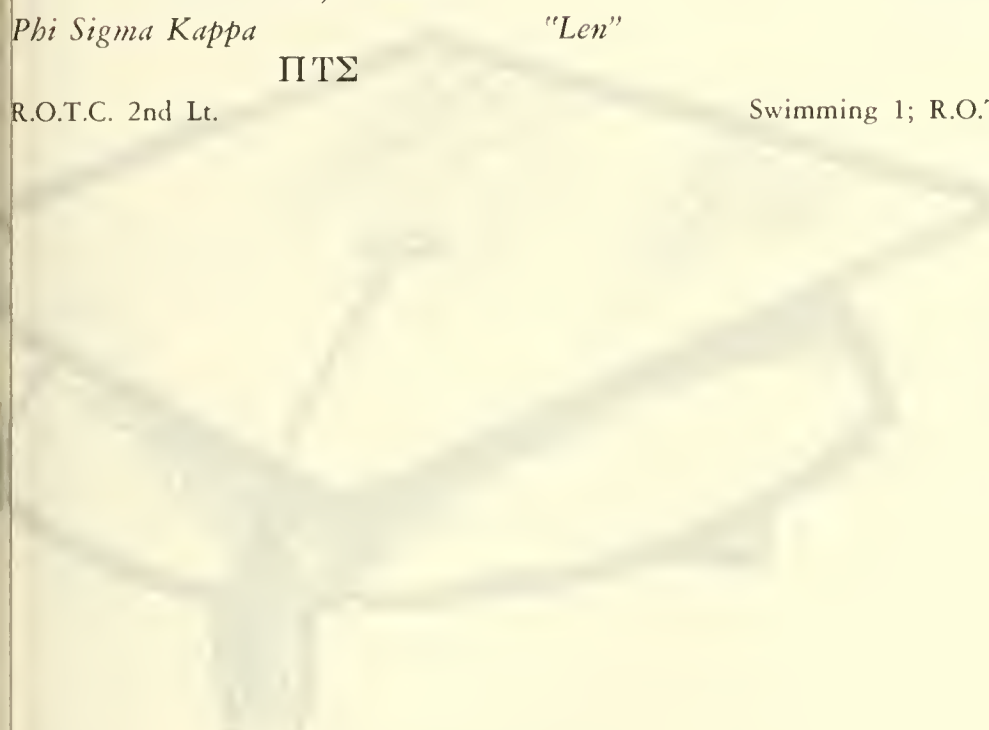
D.M.S.

Swimming 1; R.O.T.C. Major.

"Skip"



John William Kappel  
Centre Island  
Oyster Bay, New York



Stephen William Klein  
21 Ruby Street  
New Haven, Connecticut

*Alpha Epsilon Pi*

Glee Club 1; R.O.T.C. 2nd Lt.

"Steve"



Richard Paul Kosky  
7 Perry Avenue  
Worcester, Massachusetts

*Sigma Phi Epsilon*

ΠΤΣ

Football 2, 3; Swimming "W" 1, 2; Varsity Club 1, 2; A.S.M.E. 2.

"Dick"



Richard Alan Levendusky  
34 Entwistle Avenue  
Nutley, New Jersey

*Phi Gamma Delta*

Track 2, 3, 4; Nautical Ass'n 2, 3, 4; A.S.M.E. 2, 3, 4.

"Rich"





William Carl Lupoli  
123 New Road  
Hamden, Connecticut

*"Bill"*

Lacrosse 1; Glee Club 1, 2, 3, 4; A.S.M.E. 1, 2, 3, Sec. 4.



Frank Marra  
200 Centre Avenue  
Lindenhurst, New York

*Phi Kappa Theta*

TECH NEWS 3, 4; A.S.M.E. 4; Wrestling Club "W" 3, 4.



John Alan Matley  
147 B Street  
Lowell, Massachusetts

*"Al"*



Arakel Richard Naroian  
27 Dix Street  
Worcester, Massachusetts

*"Eric"*

A.S.M.E. 3, 4.



Frederick Thomas O'Brien  
185 Margerie Street  
Torrington, Connecticut

*"Fred"*

A.S.M.E. 2, 3, 4; Newman Club 1, 2, 3, 4; A.S.T.M.

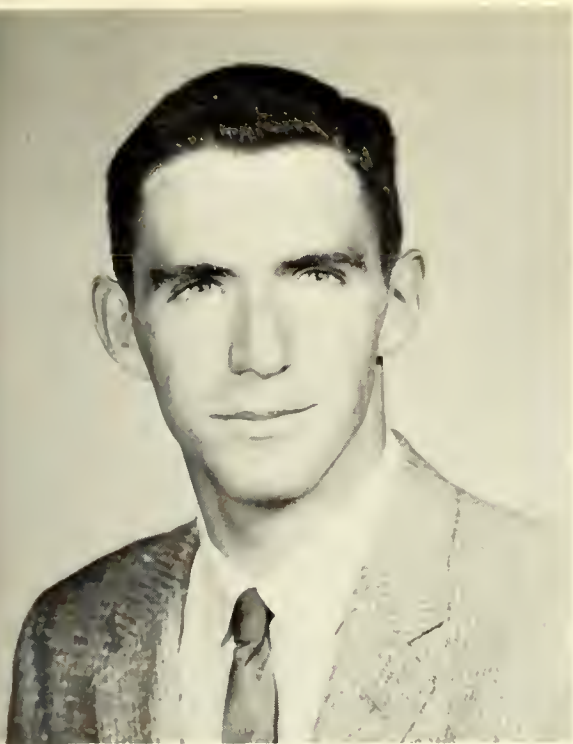


John Joseph O'Meara  
38 South Main Street  
Milford, Massachusetts

*"Jack"*

*Alpha Tau Omega*  
Boynntonians 1, 2; Band 1, 2.





William Bradford Peirce  
760 High Street  
Hanson, Massachusetts

*Phi Gamma Delta* "Bill"

ΣΕ  
ΤΒΠ, ΠΤΣ

Soccer 1, 2; Lacrosse 1, 2; Nautical Ass'n 1, 2, 3,  
Commander 4; Council of Pres. 4; A.S.M.E. 2,  
3, 4.



Donald Culver Root  
West Suffield, Connecticut

*Tau Kappa Epsilon* "Don"  
R.O.T.C. 1st Lt.; A.S.M.E. 2, 3, 4; Hockey Club  
1, 2, 3, 4.



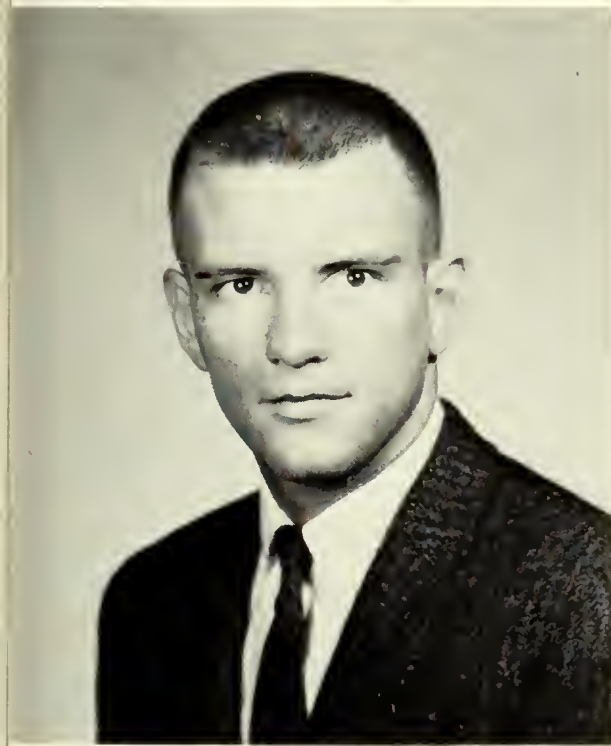
Robert Walter Schomber  
55 South High Street  
Mount Vernon, New Jersey

*Sigma Phi Epsilon* "Bob"

ΠΔΕ

Who's Who

Track 1; Tennis 2, 3, Mgr. 4; TECH NEWS 1, 2,  
3, Advertising Mgr. 4; PEDDLER 3, Copy Editor  
4; R.O.T.C. 1st Lt.; Council of Pres. 4; A.S.M.E.  
1, 2, 3, Chairman 4; P.C.F 1, 2, Chaplain 3, 4.



Donald Joseph Shultz  
36 Broadway  
Westfield, Massachusetts

*Phi Gamma Delta* "Don"

Golf 1; TECH NEWS 2; R.O.T.C. 2nd Lt.



Allan Putnam Sherman  
7 Cushman Street  
Plymouth, Massachusetts

"Al"

Cosmopolitan Club 3, 4; Council of Pres. 2, 3, 4;  
A.S.M.E. 1, 2, 3, Treas. 4; Chess Club 1, Vice-  
Pres. 2, 3, 4; Shield 2, 3, Pres. 4; Auto Club 1, 2.

1961



# 1961

## MECHANICAL



Richard Dearborn Souren  
40 Twombly Drive  
Summit, New Jersey

"Dick"



Lawrence Arthur Staats  
1 Aiken Avenue  
Rensselaer, New York

"Larry"



Joseph Woods Sullivan  
121 Summer Street  
Brockton, Massachusetts

*Phi Gamma Delta*

"Joe"

ΠΤΣ

Cross Country 2, 3, Mgr. 4; Track 2, 3, Mgr. 4;  
Nautical Ass'n 1, 2, 3; A.S.M.E. 2, 3, 4.



Kenneth Lawrence Tebo  
25 Oak Street  
Grafton, Massachusetts

*Lambda Chi Alpha*  
A.S.M.E. 4.

"Ken"



Khin Maung Than  
% U Tin Kha, Burma Railways  
Pyinmana, Burma

"Kin"

Cosmopolitan Club 2, 3, 4; A.S.M.E. 3, 4.





Frank Andrew Verprauskus  
Boston Hill Road  
Andover, Connecticut

*Theta Chi*

*"Ves"*

ΠΤΣ, D.M.S.

PEDDLER 2, 3, 4; R.O.T.C. Capt.; A.S.M.E. 2, 3, 4; Pi Tau Sigma Pres.; Fraternity Treas. 3.



Arthur Andrew Wedmore  
25 Johnson Street  
Taunton, Massachusetts

*"Art"*

D.M.S.

Wrestling Club 1, 2; A.S.M.E. 2, 3, 4; R.O.T.C. Capt.



Walter Dana Wilcock  
18 Anawan Road  
North Attleboro, Massachusetts

*Tau Kappa Epsilon*

Band 1; R.O.T.C. Capt.; Council of Pres. 4; A.S.M.E. 1, 2, 3, 4; Tech Auto Club 1, 2, 3, Pres. 4; Fraternity Pres. 4.



Richard Yumhing Yee  
48 Center Street  
Rutland, Vermont

*Tau Kappa Epsilon*

*"Dick"*

Cosmopolitan Club 1, 2.



Rimantas Anthony Zidziunas  
71 Park Terrace  
Worcester, Massachusetts

*"Ray"*

ΣΞ

TB II, ΠΤΣ, D.M.S.

Soccer "W" 1, 2, 3, 4; Varsity Club 1, 2, 3, 4; R.O.T.C. Capt.; A.S.M.E. 2, 3, 4.



# PHYSICS



Professor Allan Elwood Parker  
*Head of Department*

The Physics Department, endured by some and loved by others, is one of the smaller of the degree-granting departments on the hill. Long the plague of many students caught in the web of General Physics, the department has gained a reputation for its difficult course of study and research. As this field continues to grow with the ever broadening horizons of discovery, the work of the Physicist becomes more important and the mastery of the field more difficult. New theories and postulates are set forth constantly, requiring the Physics Department to work diligently to stay in touch with new developments in the field.

The work of the department here at Tech is made easier by the facilities of the newly completed Olin Hall of Physics. In this building is housed some of the most modern equipment in the country, both for the teaching of physic courses and for independent research.



*Seated:* Professor Kurt Mayer, Dr. Allan Parker, Professor Donald Howe, Jr., Professor Richard Morton, Professor John Johnson, Professor Louis Granath. *Standing:* Dr. Ralph

Heller, Professor Benjamin A. Wooten, Mr. John Muller, Professor Arthur Herschman, Mr. Robert Long, Professor Bernard Hildebrand.



## A. I. P.

The Worcester Polytechnic Institute Student Section of the American Institute of Physics, known as the "A.I.P.", was established on this campus in 1959. Its goal is to further acquaint the members with their chosen profession and to further the scientific knowledge of the members. A great deal of enthusiasm has been generated in the organization since its conception. In its activities the student section has incorporated lectures, films, trips to both industrial plants and to neighboring colleges, and a general student-faculty social program.

The national organization provides the student section with professional guidance in the placement of jobs and selection of graduate schools.

Mr. Robert Long, a member of the faculty of the Physics Department, serves as the advisor to the student section. In this capacity he is responsible for guiding the section in both the social and technical part of their program. The current enthusiasm within the organization and the quality of its programs are able testimony for the work of this young man, who, in his brief stay at W.P.I., has become one of its most popular teachers.



Art Greene, Tom Pantages, Dick O'Shea, George Foxhall, Veikko Uotinen, George Storti, Bob Pickett.

Cornered by physics.



Gads, dancing girls!



Keep your eye on the ball!



No, No, No. That is not the way we do it.







Let's patent it and call it a light bulb.



Professor Parker making the rounds.



What! Me fudge?



Can I help you?



Honest, I wasn't sleeping.



Hey! I've got Radio Moscow.



# GRADUATES . . .

In the physics department, graduate courses leading to both a Master of Science degree and a Doctor of Philosophy are being offered. At this time there are seven students participating in the master's program and three in the doctorate.

The first year of the master's program is devoted strictly to certain advanced courses required for the degree. In the following year, in addition to taking more advanced courses, the students begin research for their master's thesis. One of the three students in the second year of the master's program is working with Professor Wooten on the Van DeGraff Accelerator. The other two are performing research in the field of Nuclear Magnetic Resonance with Professor Muller.

The doctorate program usually requires four to five years of graduate work after completion of the Bachelor of Science degree. The candidate is first required to take more courses. After taking a very extensive exam, he begins the research for his doctorate thesis. The length of time required to finish his work for his Ph.D. depends mostly upon his success in research. The research going on in Olin Hall this year should prove very interesting for generations to come.



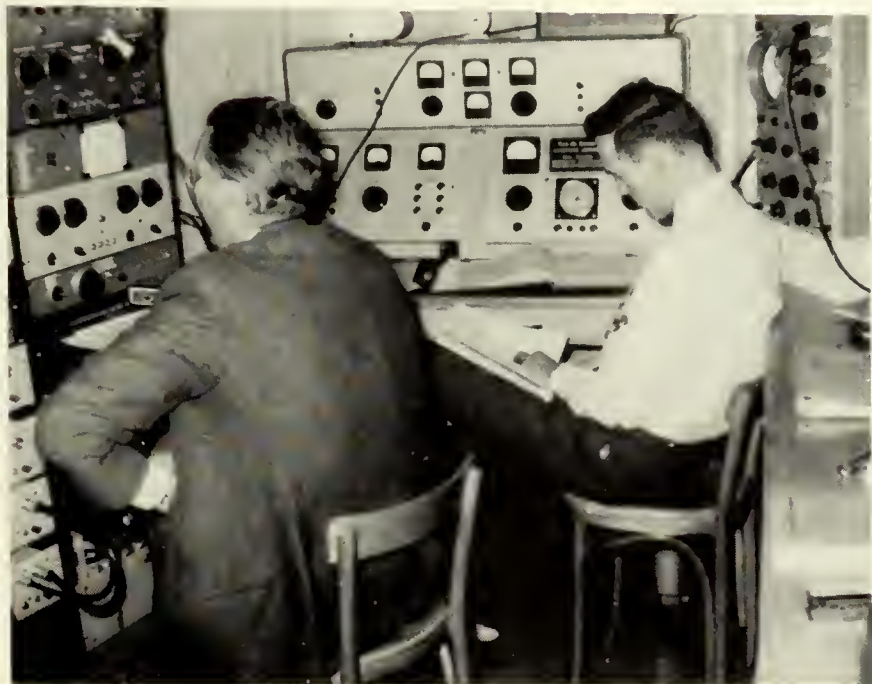
It's a bird, it's a plane . . .



Hi, ho! Hi ho! It's off to work we go.



Get out the Windex.



Turn knob D three times to the left, then . . .



7 come 11 . . .



# 1961

## PHYSICS



Amory Arnold Aldrich, Jr.  
Box 462  
Webster, Massachusetts

*"Algie"*



John Mark Buckley  
10 Wheeler Avenue  
Worcester, Massachusetts

*Phi Gamma Delta* *"John"*  
Soccer 2, 3; Lacrosse 1, "W" 2, 3; Nautical Ass'n  
1, Commodore 2, 3, 4; Council of Pres. 2, 3.



Joseph Anthony DiGiallonardo  
15 Westbrook Street  
Milford, Massachusetts

*"Joe"*



Jay Akiba Fox  
654 Main Street  
Malden, Massachusetts

*"Foxie"*

Band 1, 2.



George Frederic Foxhall  
257 East Mountain Street  
Worcester, Massachusetts

*Sigma Phi Epsilon*

TB II, IIAE, ΣE  
Skull, Who's Who

Soccer 2, 3, Mgr. 4; Swimming 2, 3, Mgr. 4;  
TECH NEWS 1, 2, 3, Managing Editor 4; PED-  
DLER 1, 2, 3, Business Mgr. 4; Council of Pres.  
3, 4; Tech Senate 4; A.I.P. 2, 3, 4; I.F. Council  
2, 3; S.S.C. 3; Fraternity Pres. 4.





Arthur Franklin Greene  
332 Tunxis Avenue  
Bloomfield, Connecticut

*Sigma Phi Epsilon*

*"Art"*

TB II

Who's Who, D.M.S.

Soccer 1, 2, "W" 3, 4; Lacrosse "W" 1; Varsity Club 3, 4; R.O.T.C. Capt.; A.I.P. 2, 3, 4; Student Service 2; Tau Beta Pi Vice-Pres. 4; Class Co-Historian; Fraternity Pres. 4.



Ralph Francis Guertin  
19 Milton Street  
Indian Orchard, Massachusetts

$\Sigma\Xi$

Council of Pres. 2; A.I.P. 2, 3, 4; Chess Club Pres. 1, 2, 3, Vice-Pres. 4; Newman Club 1, 2.



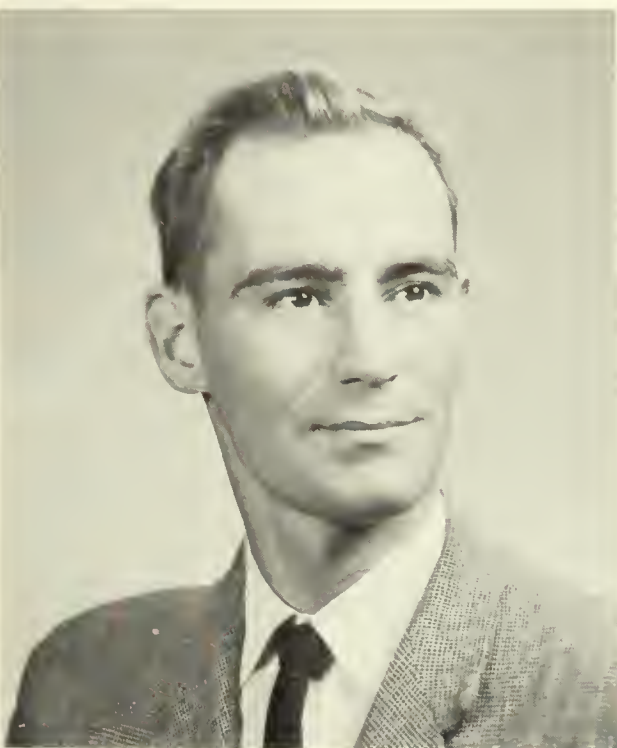
Steven Harold Lerman  
51 Norfolk Street  
Hartford, Connecticut

*Alpha Epsilon Pi*

*"Steve"*

$\Sigma\Xi$

Bridge Club 1, 2, 3, 4; Chess Club 1, 2, Sec.-Treas. 3, 4.



Russell Cedric Lockwood, Jr.  
150 Merwin Avenue  
Woodmont, Connecticut

Glee Club 2; Nautical Ass'n 2; A.I.P. 1, 2, 3, 4.



Ward Donald MacKenzie  
7 Gates Avenue  
Marlboro, Massachusetts

*Phi Gamma Delta*

*"Ward"*

Lacrosse 1, 2, 4; Swimming 1, "W" 2; Varsity Club 2, 3; TECH NEWS 2; R.O.T.C. 1st Lt.



Charles Richard Mixer  
65 Horace Road  
Belmont, Massachusetts

*Phi Gamma Delta*

*"Dick"*

Soccer 1, "W" 2, 3, Co-Capt. 4; Tennis "W" 1, 2, 3, 4; A.I.P. 2.





William Clement Murdock, Jr.  
8 Vinewood Road  
Milton, Massachusetts

"Bill"

Track 1; Rifle Club 1; A.I.P. 2, Vice-Pres. 3, 4;  
Newman Club 1, 2, 3, 4.



Richard Lawrence O'Shea  
Third Street  
Manchaug, Massachusetts

*Alpha Tau Omega*

"Skip"

TB II, ΣΞ  
D.M.S.

Glee Club 1; R.O.T.C. Capt.; Council of Pres. 4;  
Tau Beta Pi Sec. 4; A.I.P. 2, 3, Pres. 4; Fraternity  
Sec. 3, 4.



Thomas Michael Pantages  
87 Short Street  
Marlboro, Massachusetts

*Sigma Phi Epsilon*

"Tom"

Cross Country 2, "W" 3, Co-Capt. 4; Track 1,  
"W" 2, 3, 4; Varsity Club 3; R.O.T.C. 1st Lt.;  
A.I.P. 2, 3, 4.



Robert Netherwood Ruberti  
506 East Main Street  
North Adams, Massachusetts

*Phi Kappa Theta*

"Bob"

TECH NEWS 1, 2, 3, 4; PEDDLER 2; A.I.P. 2,  
3, 4.



David Leroy St. Onge  
7 Arden Road  
Worcester 6, Massachusetts

ΣΞ

Cross Country 1; A.I.P. 2, 3, 4.

"Dave"



Robert Edward Seamon  
148 Brookline Street  
Worcester, Massachusetts

ΣΞ

A.I.P. 1, 2, 3, 4.

"Bob"





Frederick Alan Stevens  
65 Silver Lane  
East Hartford, Connecticut

*Lambda Chi Alpha*

"Fred"



George Michael Storti  
12 Division Street  
Barre, Vermont

*Alpha Tau Omega*

Masque 2, 3, Sec. 4; A.I.P. 2, 3, Vice-Pres. 4;  
Fraternity Sec. 3, 4.



Edward Alfred Sundberg, Jr.  
67 Windsor Place  
Longmeadow, Massachusetts

*Lambda Chi Alpha*

A.I.P. 2.

"Ted"



David Charles Thalín  
250 May Street  
Worcester, Massachusetts

Cosmopolitan Club 3; A.I.P. 2, 3, 4.



Veikko Olavi Uotinen  
24 Westminster Street  
Worcester, Massachusetts

"Vic"

$\Sigma E$

A.S.C.E. 2; A.I.P. 3, 4.

1961

PHYSICS



# Military Science and Tactics

This year, the Military Science Department completes its tenth year on the Tech campus. The primary reason for the establishment of an ROTC unit on the campus was, and still is, to permit those deserving and qualified students an opportunity to obtain a Reserve commission, as a Second Lieutenant, upon graduation.

The processes through which the ROTC student must undergo are metamorphic in nature. As a Basic Cadet the drill program is his enigma, but with conscientious effort the changes occur. After completion of the first year in the Advanced Corps and the termination of the Summer Camp program, the future officer begins to emerge. During the Senior year, given new and greater responsibility, the cadet's leadership potential is exercised to its capacity, whereupon graduation in June the fully qualified officer emerges, prepared for commissioning and the duty that lies ahead. In the Fall of the Senior year, those students displaying outstanding traits of leadership and character are designated Distinguished Military Students. These students may elect, when commissioned at graduation in June, a Regular Army commission.

This ROTC program and the effects which result are due in large extent to Lt. Col. Bryan Cowan and his competent staff.



Good afternoon boss.



Front Row: Lt. LoVetere, Capt. Day, Maj. Doyle, Lt. Col. Cowan, Capt. Reed, Capt. Thompson, Capt. Cadwell, Capt. Rogers. Second Row: M/Sgt. Czarneski, Sfc. Henry, Sgt. Chiasson, M/Sgt. Smith, SP-5 Overbye, Sgt. McGilvray, M/Sgt. Yopchick.









Professor Higgenbottom.

*First Row: James Hensel; Theodore Packard; Head of Dept., Edwin Higgenbottom; Arthur Kennedy; Jr. Second Row: David McKay; Gilbert Schloss, William Sellers.*



## ENGLISH

The English Department, headed by Professor Edwin Higginbottom, has, for the past five years, been developing a reoriented program. Designed to meet the changing demands made by society and modern industry, the program provides the student with a liberal background comparable with that of a non-technical school.

The two-term Freshman English course is the department's first contact with the student. Under the more liberal program, the essentials of grammar are thoroughly covered, and increased emphasis is placed on the appreciation of literature other than technical works. For some, a developmental course is provided to increase their reading rate and comprehension.

Until the senior year, the Department's only contact with the upper classes comes under the heading "summer reading exams". These exams are given each year to check the understanding the sophomores, juniors and seniors have for the various books they were required to read during the summer.

For the senior, electives in oral communication, world literature, great issues in the novel, and masterpieces in the drama are offered. These courses provide a welcome change for those men whose previous education has been primarily of a technical nature.







*First Row: Head of Dept. Leland Atwood, Arthur Back, Claude Scheifley. Second Row: Donald Johnson, Richard McKey, Jr.*

# HISTORY AND MODERN LANGUAGE



Professor Atwood.

Because of the few humanities courses offered at Tech, a large part of the responsibility of giving the students a sufficient background in these subjects has devolved upon the History and Modern Language Department.

Professor Atwood, head of the department for many years, teaches both history courses and German. Professors Back and Scheifley also serve in this dual capacity. Together they provide the Mathematicians, Chemists, Chemical Engineers and some Physics majors with the grammar and vocabulary necessary to appreciate the German culture while still aiding them in their technical work. Professors Johnson and McKey concentrate on teaching the Sophomores and Seniors history, cultivating the historical background necessary for the students liberal development.

In line with the new curriculum policy, the department offered three new Senior elective courses this year: Comparative Religion, Foreign Policy, and Western Culture. It is believed this program will encourage diversity and scope in the thinking of Tech's graduates.







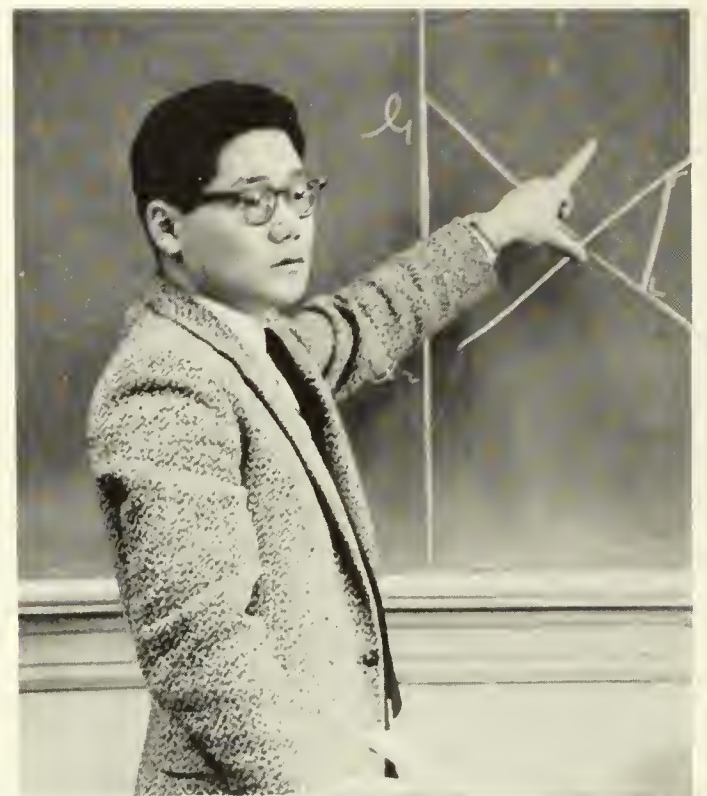
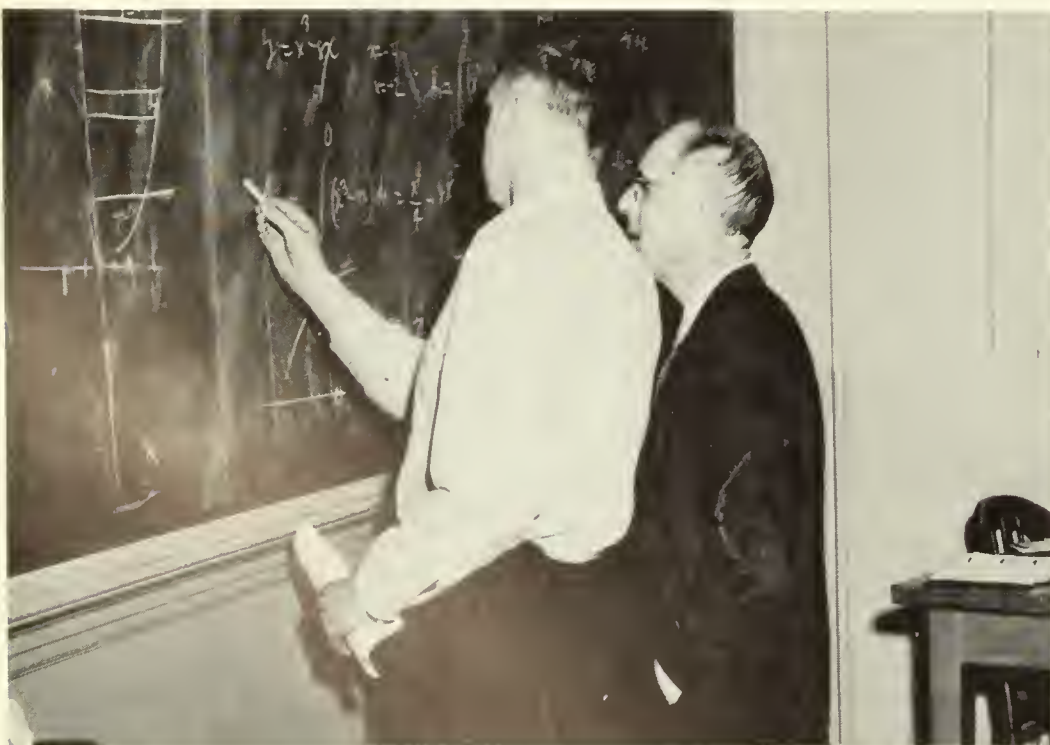
*First Row: Ramon Scott, Ralph Nelson, Head of Dept. Elliot Buell, Richard Cobb, Edward Brown.  
Second Row: William Hardel, Nelson Kwak, Gordon Branche, Bernard Howard, Vincent Connolly.*

## MATHEMATICS

To paraphrase Lord Kelvin, knowledge becomes science only insofar as it can be expressed mathematically. At Tech the Math Department has been eminently successful in providing its graduates with the tools of engineering and science. This year two new professors, Dr. William Hardell and Mr. Bruce McQuarrie, have joined the staff. In addition, Dr. Elliot Buell has superseded Prof. Cobb as head of the department. Prof. Cobb, who is now retired, is still teaching, having received the John E. Sinclair Professorship last year.

To keep Tech's mathematics courses competitive, the department has established an honors section to the normal freshman math course. Placing an emphasis on theory, it is hoped that the plan will prove successful and that it may be continued throughout the two year course.

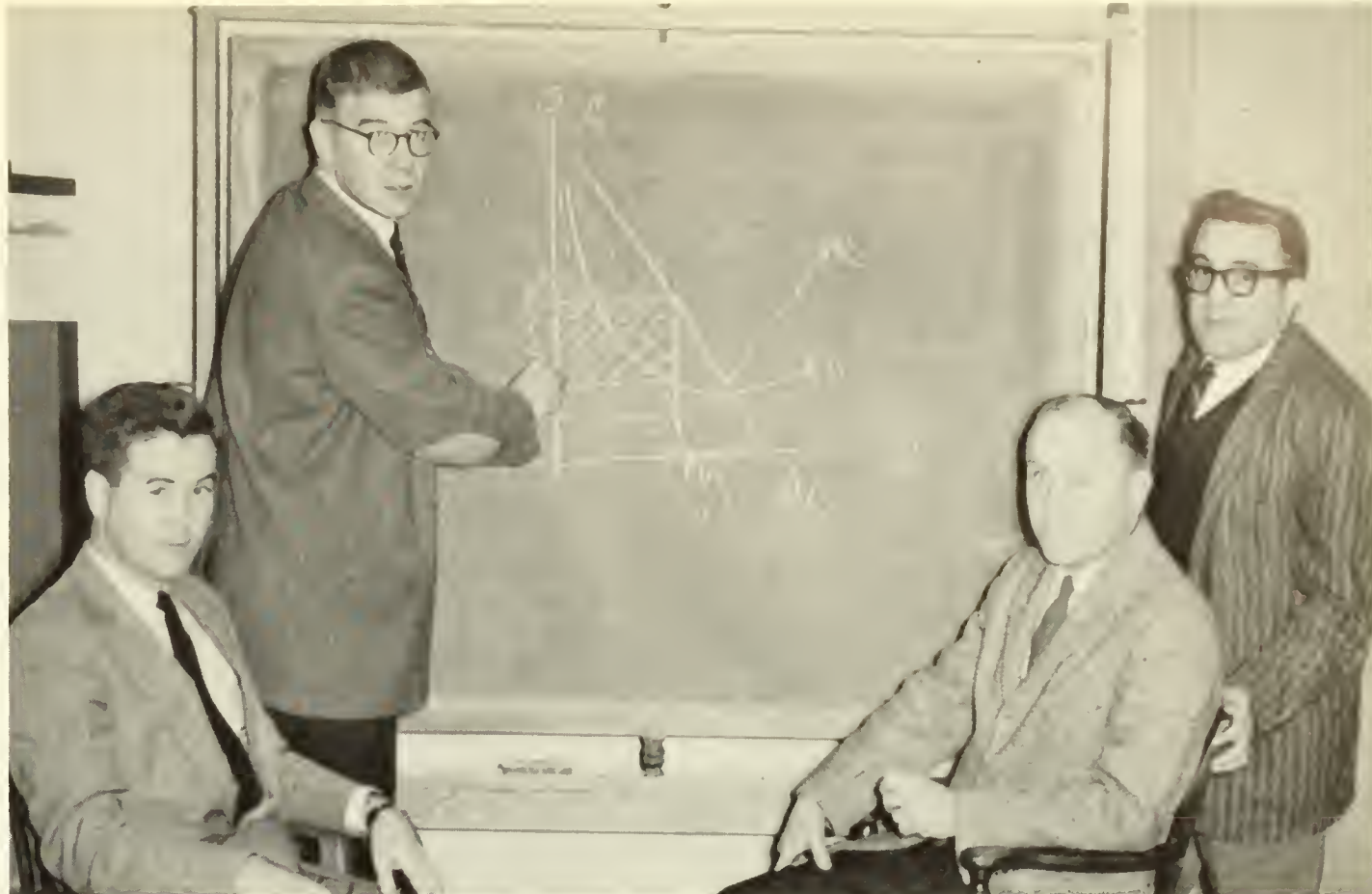
For the benefit of the Professors, math colloquia have been started to keep the men abreast of happenings in their field. In summation, the Math Department is following a plan of continual improvement of an already good program.







Dr. Schwieger.



*First Row: Joseph Zimmerman, Head of Dept. Albert Schwieger, Thaddeus Roddenbury, Nicholas Onorato.*

## ECONOMICS, GOVERNMENT AND BUSINESS



An "Eco" survey for Nick.

Of all the so-called "Liberal Arts" courses on the hill, perhaps the most practical and interesting is that of Economics, Government, and Business. The purpose of this department is to complement the very able training which the "Tech Engineers" receive in the sciences, with an insight into some of the very foundations of our modern social system. Its goals are first, to form a working knowledge of the fields of finance, management, and operations; second, to provide a means of broadening the capacity of critical thinking of each student; and finally, to produce a better understanding of human relations in each graduating engineer.

The department is headed by Dr. Albert Schwieger, an easy-mannered, pipe-smoking graduate of Hamline College, Clark University, and Harvard. He is assisted by Professors Joseph F. Zimmerman and Thaddeus H. Roddenbury, and Dr. Nicholas L. Onorato.





# CLASS OF 1961



Class Officers

*Front Row: M. Keegan, Treasurer; W. Calder, President; E. Altieri, Vice-President; J. Gabarro, Secretary. Second Row: A. Greene, Historian; G. Foxhall, Tech Senate; B. Hosmer, Tech Senate.*

## CLASS HISTORY

Our final year is here and we all admit that we can hardly believe it. From now on there can be no more real college life. Congratulations to those of us who did make it; we all had our doubts upon many occasions. It really is very humorous and enlightening to look back on our experiences as the Class of 1961. It is even more interesting for us as historians to relate these.

Our first exposure to Tech, after kissing Mom goodbye, was most likely the back seat or trunk of a Sophomore's car. We, being the last class to endure informal hazing, enjoyed it in the worst way. The first two nights were tragic. The third was a triumph. Roger Smith arrived with a load of tomatoes; the Sophs were squashed and Bob McElroy lost his pants!

Our first impression on the faculty may have been a skeptical one. We had *two* winners of the Yankee Ingenuity Prize. Later we dumped our usual exams and fell all over each other in our usual progression.

Sanford Riley never had it so good as when '61 hit. There

were new Coke machines with more for the money, and studying by TV. The TV was purchased by money other classes had made from small Coke bottles. Then came the usual attempts to bribe the counselors. Poor Mr. Rochette received a petition against his food, in favor of steak and the class revolted with a pile of fish balls.

Doc Heller may have had his usual desires for our scholarship, but we were destined to disappoint him. However, we took after him athletically. The scrawney Sophomores bit dust during the Paddle rush and were hardly washed clean in their drag through Institute Pond in the Rope Pull. The Class of 1961 suffered a defeat in football that year, 7 to 0. However, we scrambled back to win in soccer and most other events, cinching the Goat's Head for the first of the two years we were to receive it.

Bill Calder was elected chairman of the class with Paul Sledzik and Fred Duval as Tech Senate Representatives. That spring Bill Calder was elected as president, a job which he was to hold for our entire stay. Fred Duval followed as Vice-Presi-



"Sometimes We Lost . . . ."



dent with Ed Boduch as Secretary and Pickpocket Hosmer as Treasurer. Tech Senate Representatives were Dick Adler and Lee Gazoorian.

Many of us became stars in Tech's long list of varsity sports. Most of the pigskin carriers were our "big" boys. Well, they could look tough! A few nimble runners were persistent in carrying home honors. Many of our soccer linemen belted those winning goals. The winter evenings saw the crowded gym cheering fine ball handling by a few of our six-footers. Our pool watchers did some swimming and led some long-awaited victories. Lacrosse caught on fast, especially the winter practice in the dorm. Special mention goes to Mo Rees, who was very instrumental in organizing the successful wrestling club.

The summer following our Freshman year saw a revamping of the campus. The tennis courts and hill where we had sun bathed disappeared. Morgan Hall was under construction. It was under construction until the strike that summer. The next class was really to be surprised!

Our Sophomore year saw no more informal hazing but we fought at the bridge and were late to classes. We attempted to further the social cause and stretch our bank account with the Goat's Head Dance on November 15. Olin Hall of Physics was in the process of construction as was our faith in the course. That fall we triumphed in a close paddle rush, 39-36, but suffered by getting our feet, as well as other parts, wet in crossing Institute Pond. Later we trounced the Frosh in football and soccer. This again led to our seizure of the Goat's Head.

The school year of 1958-59 saw the beginning of many changes which were to occur in the next few years. A major in mathematics was offered, and many of the courses were altered. Tau Kappa Epsilon was the latest addition to the big nine on campus. The elections that spring saw changes with Ed Altieri as vice-president and Charlie Wilkes replacing Lee Gazoorian on the Tech Senate.

The fall of our Junior year still saw our treasurer without any money in his pockets, so we held the Welcome Freshmen Dance on October 3. After starting the year and rushing properly, we settled down to less important pastimes such as studying. The new marking system based on quality points took effect. We still haven't recovered from the trouble that

it caused! Renovations of Atwater Kent Laboratories and Salisbury Labs were under way. Tech rapidly expanded its graduate program, and schedules with many electives were made available to undergraduates.

The Junior Prom, "April in Paris," with Woody Herman's Herd, truly was an evening to be long remembered as the Class of 1961 put on its version of a great spring weekend. Mel Keegan did a fine job in organizing this affair in his capacity as chairman. Elections that year saw Calder and Altieri re-elected with Jack Gabarro assuming the duties of secretary. Mel Keegan moved from his successful Junior Prom to the treasurer's position. The now poor Brad Hosmer helped George Foxhall on the Senate. Dick Adler assumed the position of president of this governing body.

How does it feel to be a big shot for a change? It is wonderful to be on the top of the pile instead of being submerged underneath. By Senior year it is the least they could do to let us come up for air.

This year construction began on the addition to the Gym. Much to our dismay and disgust, Saturday classes were instituted. Why could they not wait one more semester? Thanks goes to Bill Trask, who spent most of this year madly scrambling to place us. Also appreciation is joyfully given to our much consulted Deans.

These four years have seen many expanding changes on the hill. Each fall saw a marked difference in some of the well-used buildings and facilities. The several new faculty members and department heads were determined to keep us awake physically and, if possible, mentally. We entered a serene Institution, but we are leaving a spirited college campus. We well regard these fortunate transitions.

Oh, at times the snow piled high, and the panic button was leaned on, and those reports never seemed to end. But the joyous beaming after those finals was a sure sign that our four years were truly ones of accomplishment. As we, the members of the Class of '61, leave these sheltered halls of wisdom and friendship, one knows that we are well prepared for the challenging opportunities which lie beyond.

ARTHUR F. GREENE  
DOUGLASS D. GLADSTONE  
*Class Historians*

.... and Sometimes We Won "





# CLASS OF 1962



## Class Officers

*First Row: V. Castellani, President; R. Curtis, Vice President; J. LeBlanc, Secretary. Second Row: P. Sharon, Tech Senate; D. France, Treasurer; R. DiBuono, Tech Senate.*

We thought it would never become a reality, but here we are, the class of 1962 . . . now the Junior class at Tech. Could it be possible that three years have passed into recorded time since we first began our orientation into "college life" . . . since we first experienced those early morning "lectures in hygiene", those valiant attempts at crossing Earle Bridge during hazing, those first physics exams, or the first set of final exams? It must be so, for now, as Juniors, we find ourselves firmly entrenched in the carrying out of our goals of becoming well educated engineers and scientists.

We came here with the intent purpose of becoming educated . . . that we are, but in more ways than one. In these, our formative years, we have experienced much besides that which is academic in nature. Such experiences as our achieve-

ments in interclass rivalry, our winning of the Goat's Head competition last year, taking the trophy at the Tech Carnival for the last two years running, the presentation of the Sophomore dance and the many other things will be well remembered as part of our stay at Tech.

With the coming of the Junior year we were able to watch the Freshman-Sophomore rivalry from a new position, that of big brothers to the freshmen. But, by far the greatest accomplishment of our junior year was the Junior Prom. An ambitious committee combined with an eager class to present the most marvelous prom in Tech's history.

The Class of '62 has indeed made its mark, but we are still looking forward to new accomplishments in our Senior Year which lies ahead.



## Junior Prom Committee

*First Row: P. Martin, B. O'Connell, M. Moses, P. Sharon, Chairman, W. Krein, R. LaJuenesse, R. DiBuono, R. Herrick. Second Row: J. Gordon, W. Thompson, T. Furhovden, F. Goddu, B. Fowler.*



# CLASS OF 1963

## Class Officers

*Front Row: W. Zinno, President; P. Borden, Vice President. Second Row: K. Backer, Secretary; P. Chutoransky, Treasurer; D. Snay, Tech Senate.*



This year the tables were turned, and it was our turn as Sophomores to haze Freshmen and to defend the bridge. And defend it we did, in the form of a street brawl, until Dean Downing appeared on the scene to quiet down the activities. Consequently we turned to arbitration and agreed to accept properly sung songs as payment for safe passage.

Nevertheless, things became heated again at the Paddle Rush. Sadly outnumbered, the Class of '63 put up a noble and scrappy fight but were defeated by the overwhelming numerical odds. However revenge was in our heads and we went on to win the Rope Pull. Our elation was short lived when the Freshmen scored their hard earned victory in the inter-class football game. Coach Paul Cultrera will always be remembered for the wonderful spirit he instilled in us for that game.

To make matters worse, the spirited Sophomore class was dealt another defeat by the Frosh in the traditional soccer game. Although at this time the final outcome of the inter-class rivalry is in doubt, Sophomores all over campus are reminding themselves that it is still arithmetically possible to overcome the rebellious Class of '64.

Majors having been chosen, we're all settling down to the more serious task at hand — to become professional engineers in our chosen field. Already, each field has posed its problems to each of us. Regardless of the propensity of these difficulties and new ones, the Class of '63 realizes the compensations which engineering has to offer, and will graduate as the best class ever from Worcester Tech.

The victorious sophomores





### *Twas A Class Sixty-four*

Twas a day in September not long ago,  
When there came to this campus some strangers we know.  
With some fear, expectation, and joy in each heart,  
Every baby-faced Freshman arrived to make start.

We were fed applications and forms to fill out,  
And were shown all the campus we'd heard much about.  
Then we met with the President of this institute,  
Who casually cited the extent of pursuit.

The transition from high school to Tech finds no match;  
We are pitched the work that the wiser ones catch.  
If we miss two times we must leave the game,  
And our score will make records among thousands the same.

All those plans about college were now coming true,  
With those Ivy League ties and brown loafer shoe;  
And the slide rules and textbooks, professors and deans,  
Differential equations and fraternity queens.

There were lectures and chem labs and integral signs,  
"Intuitive functions" and sectional lines.  
We found mid-terms and rushing and a nine pound M-1,  
And those Saturday classes we found so much fun.

As the class of new freshmen by the name Sixty-four,  
We were greeted with combat by the foe of "Sophomore;"  
We were met at the Earle and we pushed them to doom,  
For the men in the beanies had lowered the boom.

Oh, those beanies and name plates and crimson grey ties,  
And traditional smiles and bright "cheery Hi's".  
Think how cute we did look on the way to each class,  
Singing Worcester Tech cheers as we danced in the grass.

Though we looked somewhat green and quite awkward we'd  
seem,  
As a unit of frosh we're a tireless team.  
We could beat any Sophomore, to us they were jelly,  
Yet with Coxy's First Army, we couldn't beat Kelly.

Many thing we encountered when first we were "Techers"  
There were Kelly's beef briskets and "shapely" young Beckers;  
The exams we adored and the homework each hour;  
The first time we found Davis and climbed Bancroft Tower.

Then the day we fought Sophs in the rush for the paddles,  
When we showed them their colors by the red in their saddles.  
How we walked off the field with two thirds the bet,  
Then were dragged through the pond both muddy and wet.

In our failure they mocked us with their forty-eight strong,  
Yet near death on the gridiron they sang a new song.  
Those were the days when we wagered and fought,  
Those were the days when the Goat's Head we sought.





How could we in those times ever forget  
 Those forces in Rushing each morning we met,  
 And the hundreds of Greeks after classes we fought  
 With their hand shakes and lip service most of us bought.

At the smokers they asked us to visit their homes,  
 Where they hid all the dirt and asked us to roam.  
 We were filled with their goodies, propaganda galore,  
 And shook hands and sang songs right through the front door.

Just remember the day we were pledged as new brothers  
 To the house which to us was far above others;  
 But the times we loved best were those parties at night,  
 When the "joy" had no cost and all souls were in flight.

Many weeks with the Techmen, many weeks with the Greeks,  
 Many weeks with the pros each of whom seeks  
 To make out of us engineers evermore;  
 We're catching on fast as the "Class Sixty-Four."

We've found new desires, new joy and new fear,  
 Though the best of our lives we witnessed this year.  
 We have come from a world of great hope and ideal  
 To embark on a journey from all dreams to the real.



Class Officers: Duke Gale, Chairman; John Greenlie, Tech Senate; Dan Gorman, Tech Senate.



# We Honor . . .

Arthur J. Knight

Francis W. Roys



. . . In Appreciation For  
Half a Century of  
Unceasing Devotion.



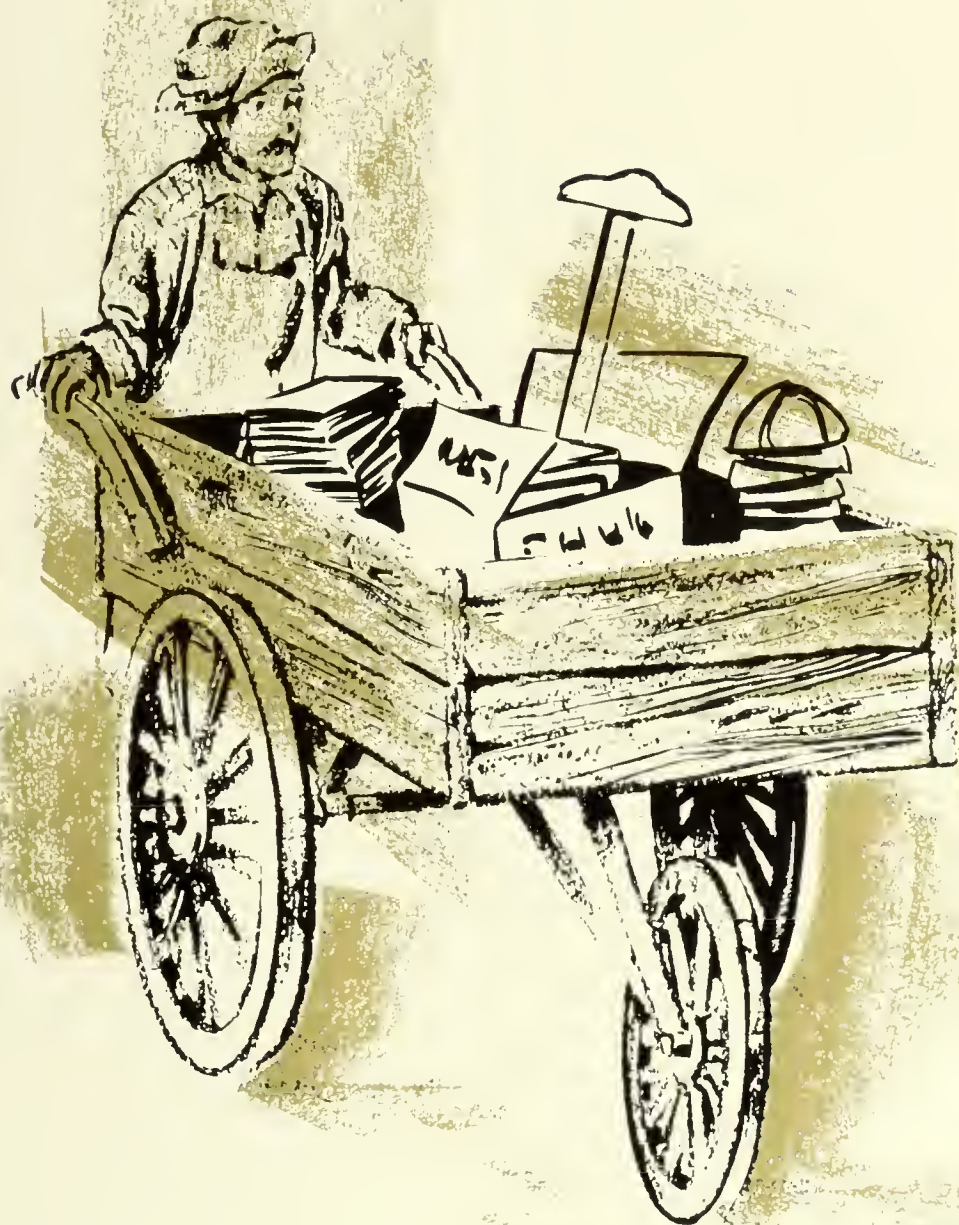








# CAMPUS LIFE









# April in Paris



Miss ATΩ, Marion Kopperud



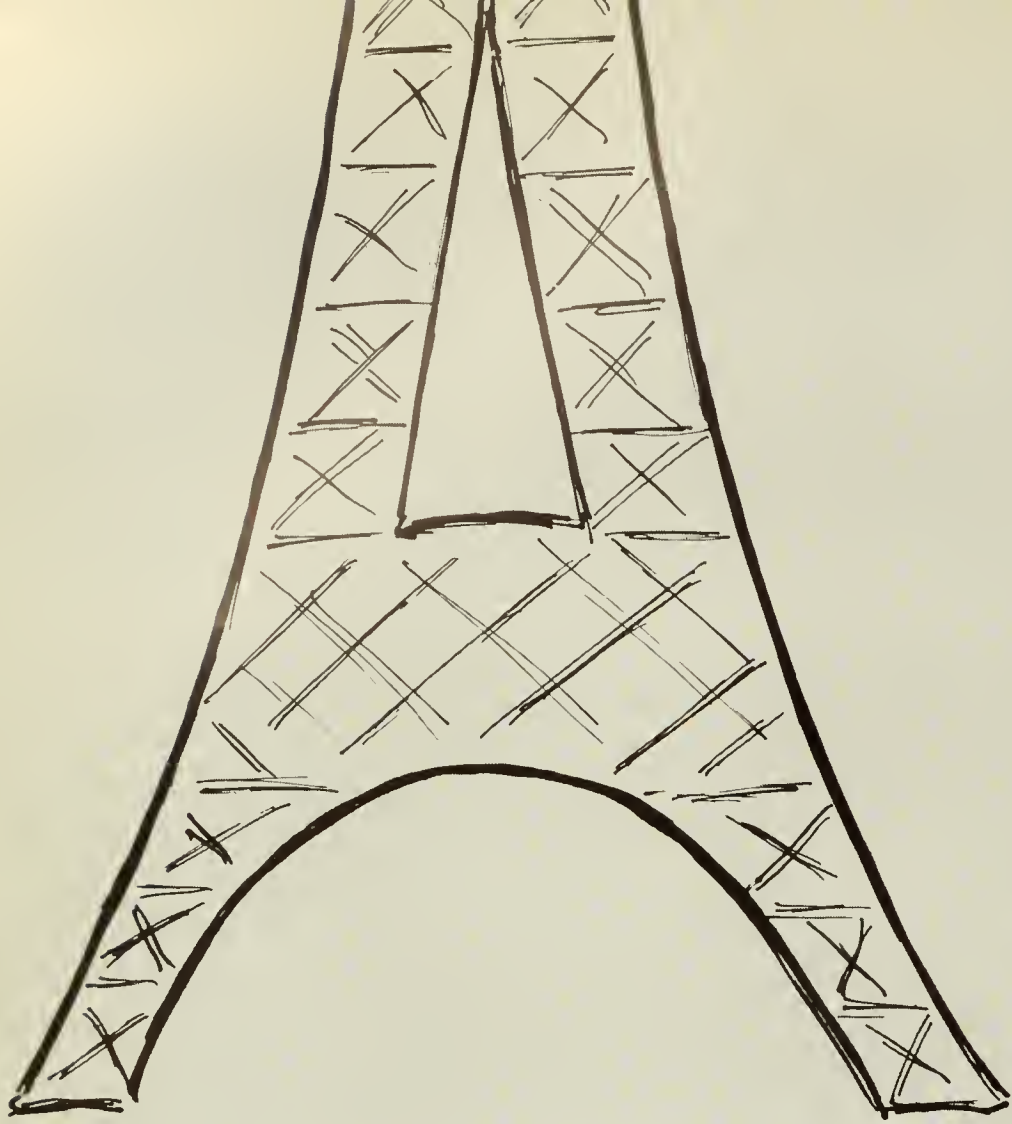
Miss ΘX, Sherry Swan



Miss ΣAE, Mary O'Brian







Miss Shield, Joyce Purdy



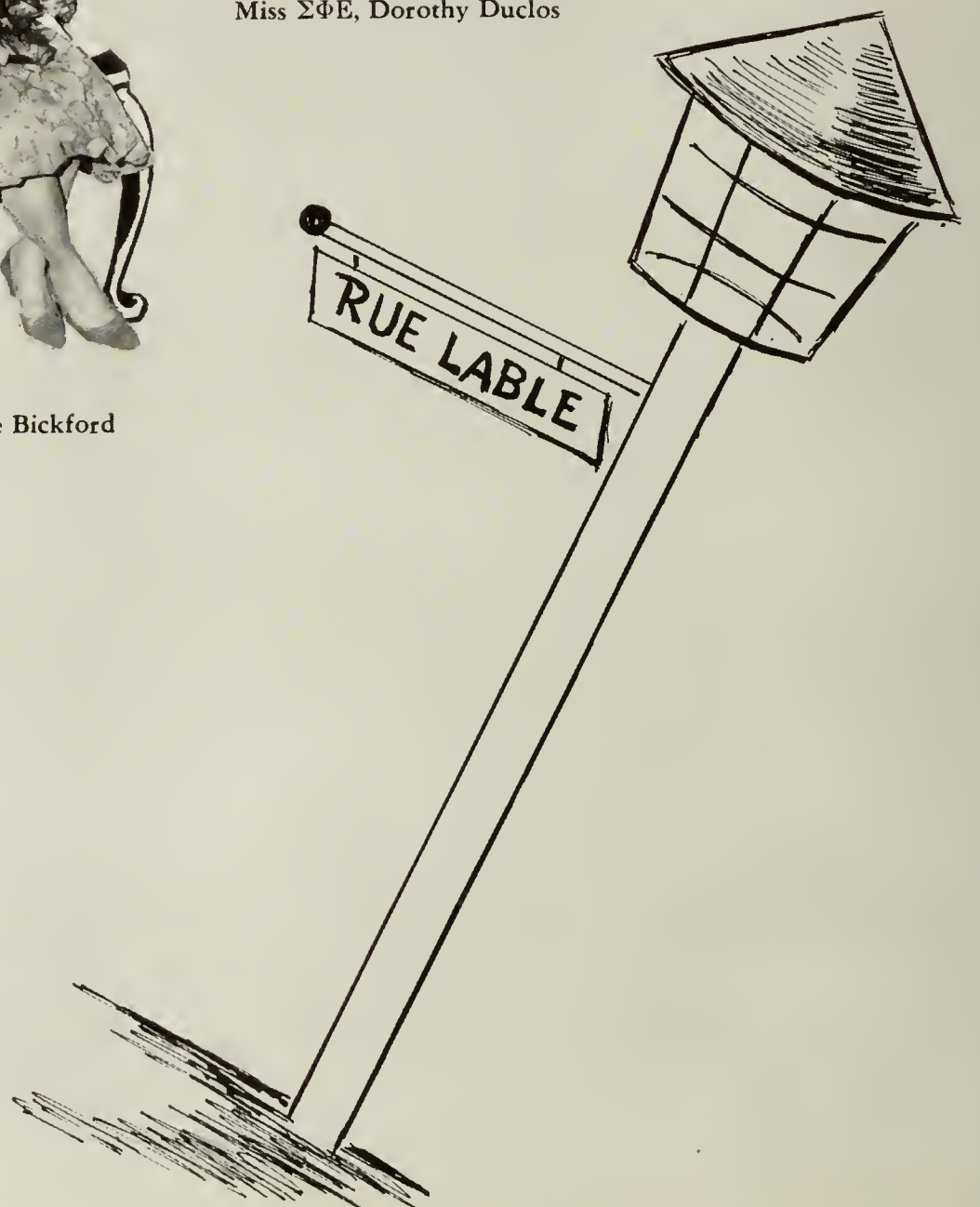
Miss ΣΦΕ, Dorothy Duclos



Miss ΦΓΔ, Dewie Bickford



Miss ΑΧΑ, Gail Hanisworth







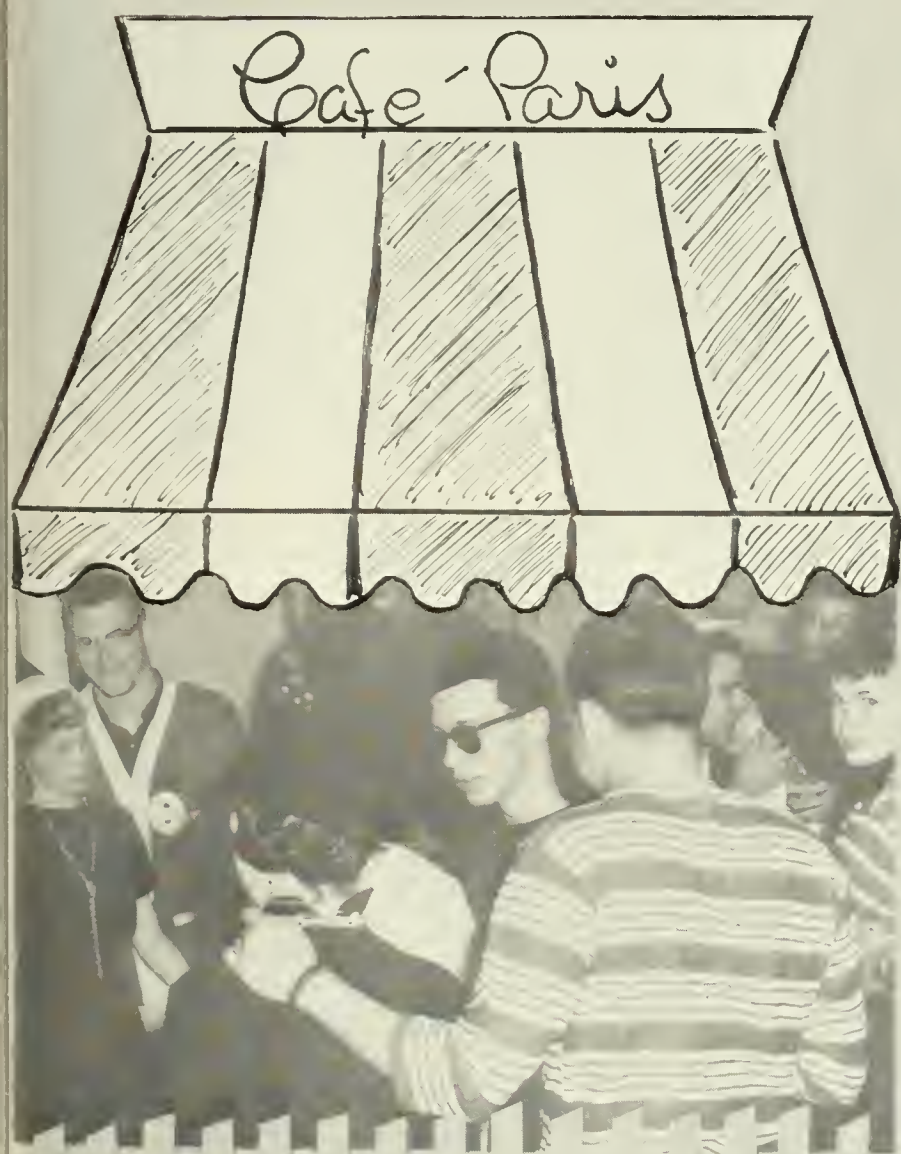
Miss ΦΚΘ, Ellen Gorman



Miss ΑΕΠ, Sue Abelsky



Miss ΤΚΕ, Judy Johnson



Miss ΦΣΚ, Betty Brierly





Sigma Alpha Epsilon



Theta Chi



Lambda Chi Alpha



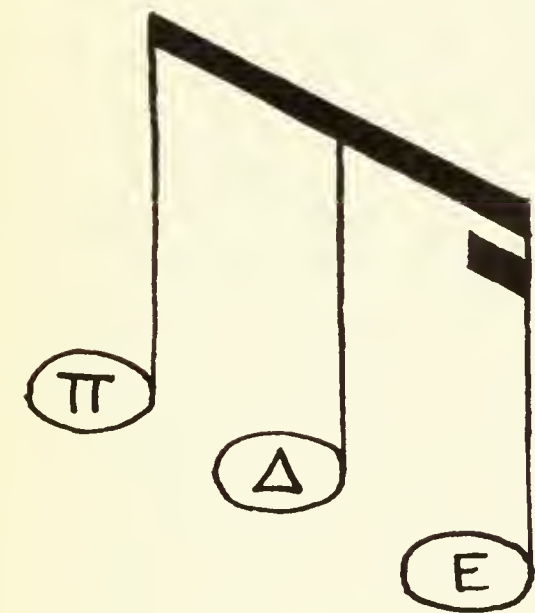
Alpha Tau Omega



Sigma Phi Epsilon



Phi Sigma Kappa

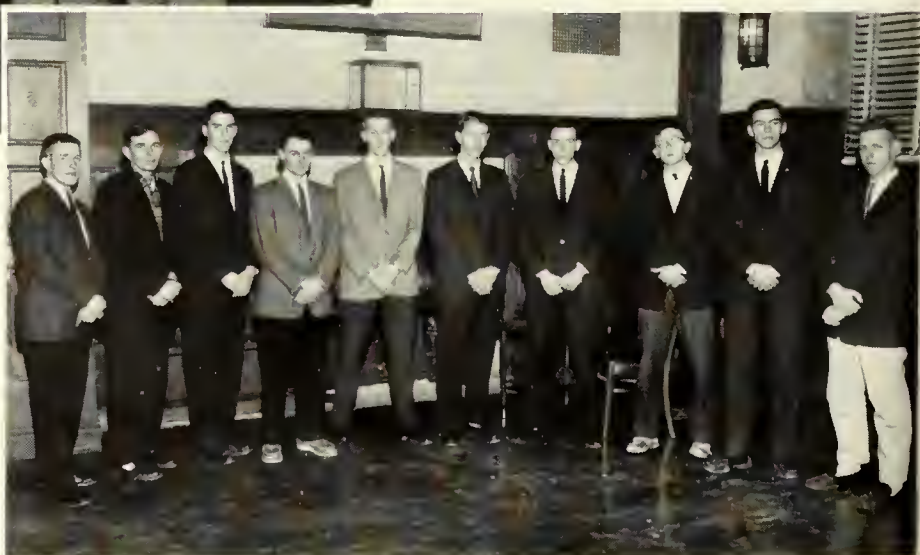


# SONGFEST

## 1961



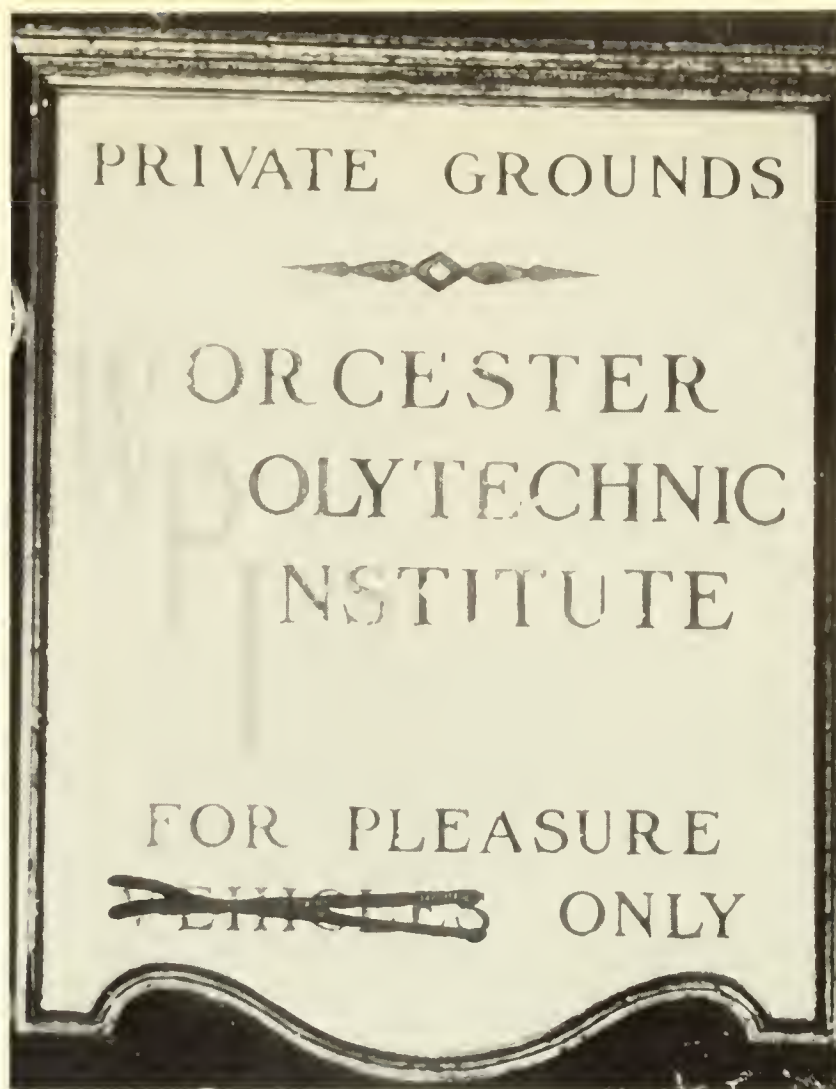
Tau Kappa Epsilon



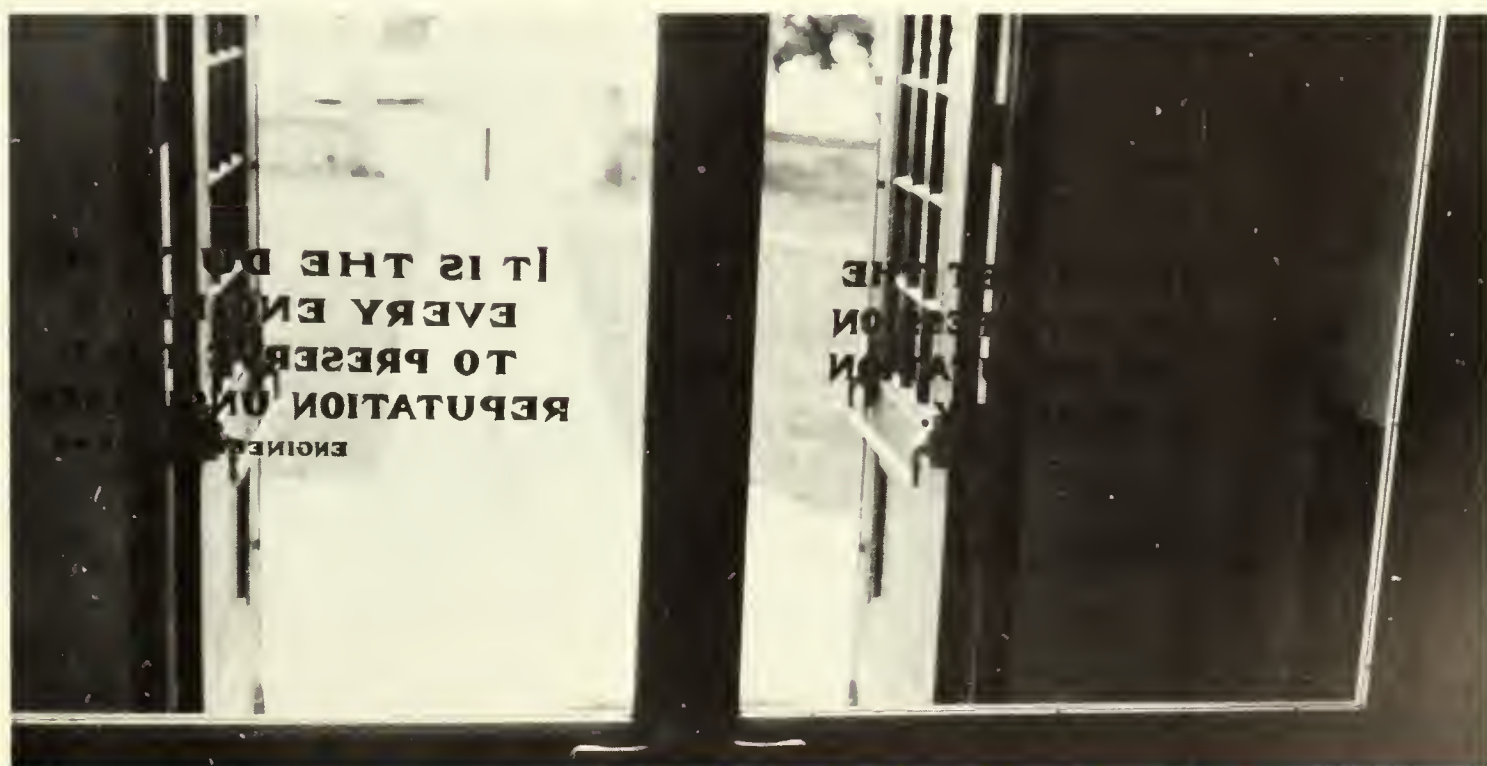
Phi Gamma Delta



THE



CAMPUS





A wun an' a two an' a . . .



Snowed?



THE  
FROSH



ARE  
MET

"The courses are easy, it's getting to class."



"Sorry, today is red day."



"Your letters are approximately 0.001 cm. too large."



Fumble!



Ouch! Ah!



THEN  
PADDLED



AND  
DROWNED

Hey, Hey . . . Stronger than the A-V-E-R-A-G-E Sophomore.



What a hellava way to take a bath.



Our heads are muddy but unbowed.

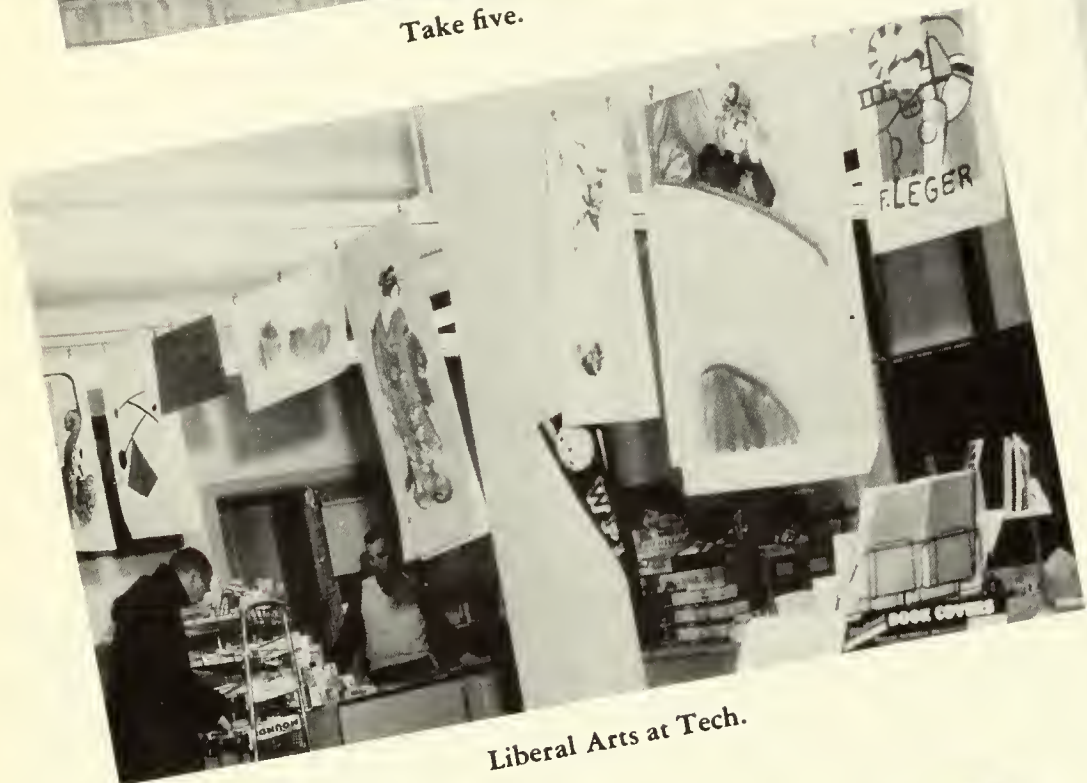




Take five.



Eat hearty men.



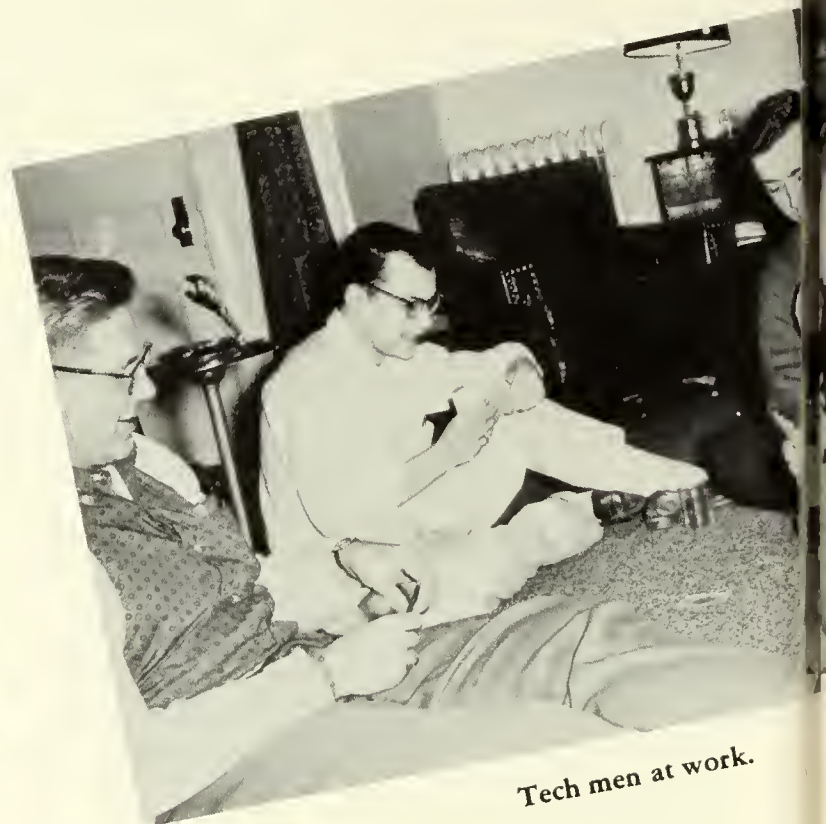
Liberal Arts at Tech.



Scab, scab, scab.



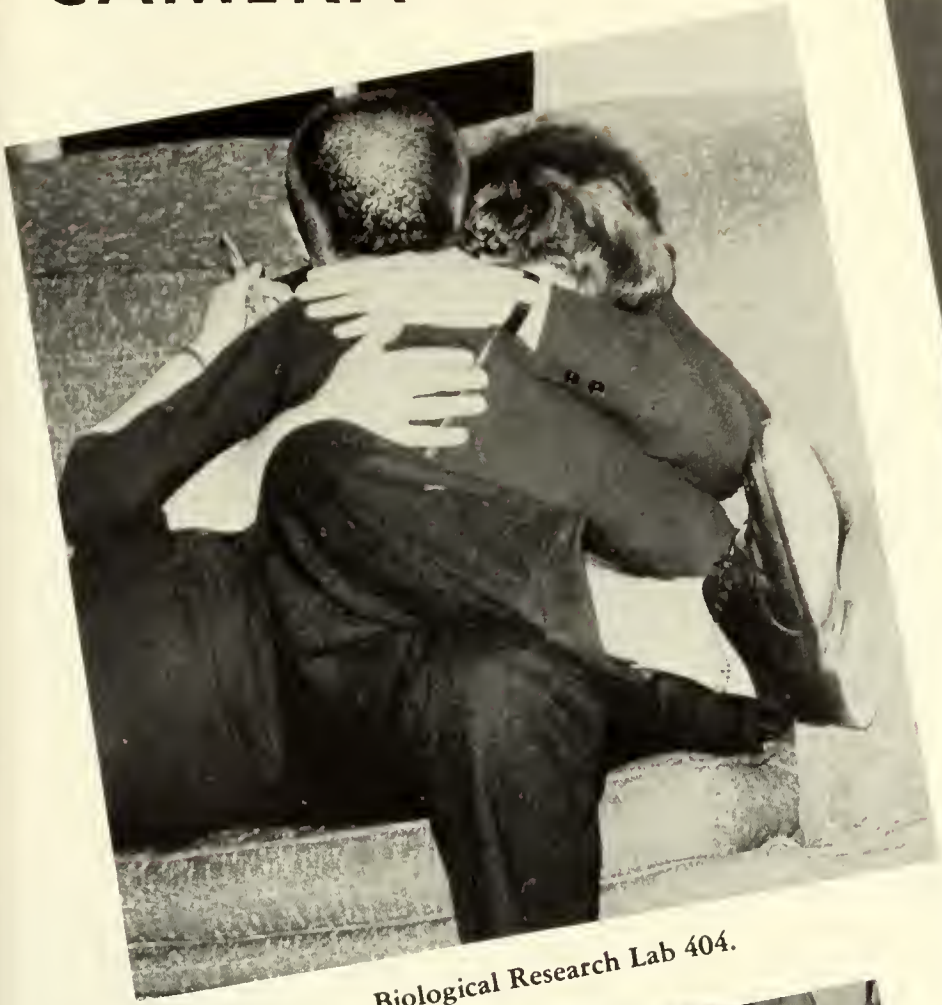
Enthusiastic support?



Tech men at work.



# CANDID CAMERA



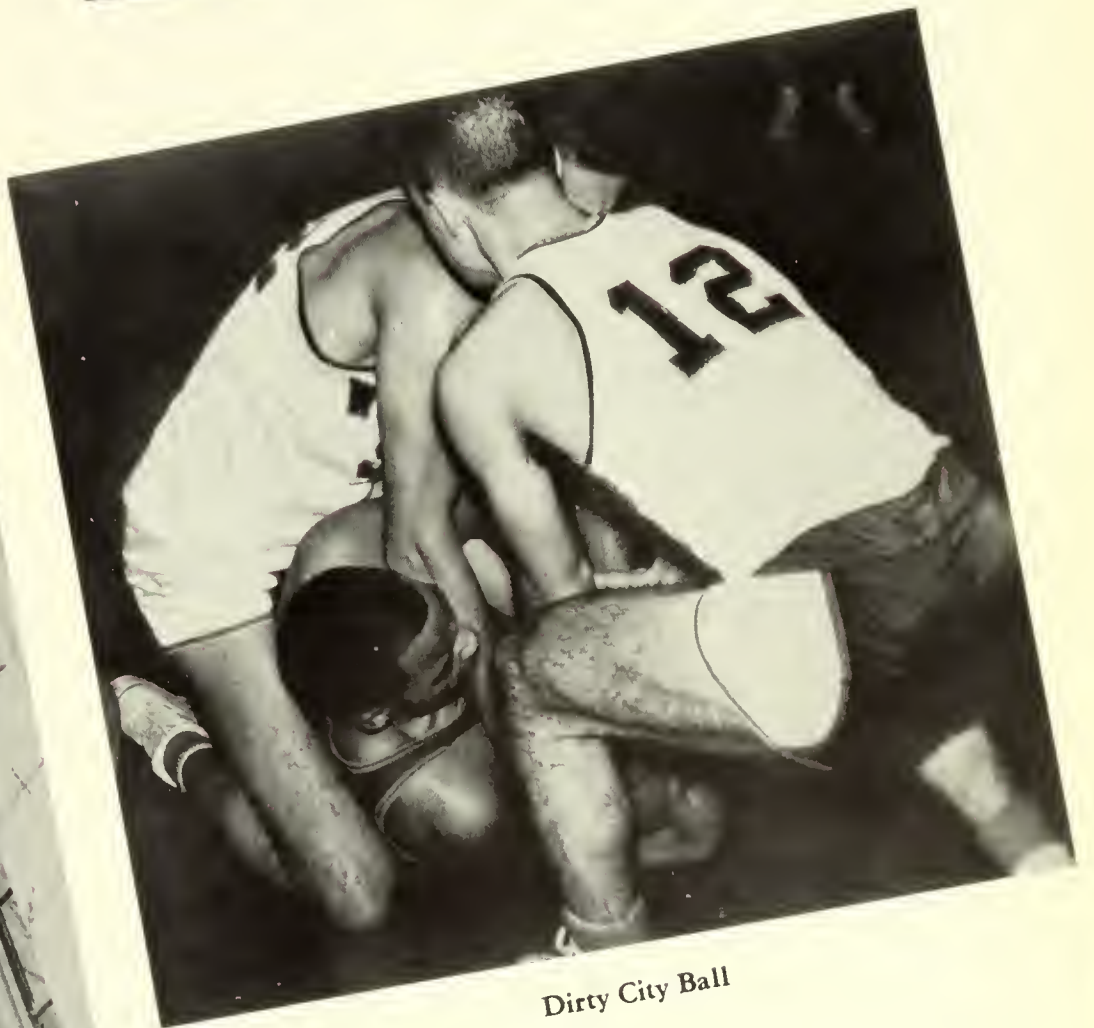
Biological Research Lab 404.



29-34-38



I Quit!



Dirty City Ball





Whadda ya got?



Tech takes over city hall.



Baby Doll

The eternal wait.



Keep off the grass.

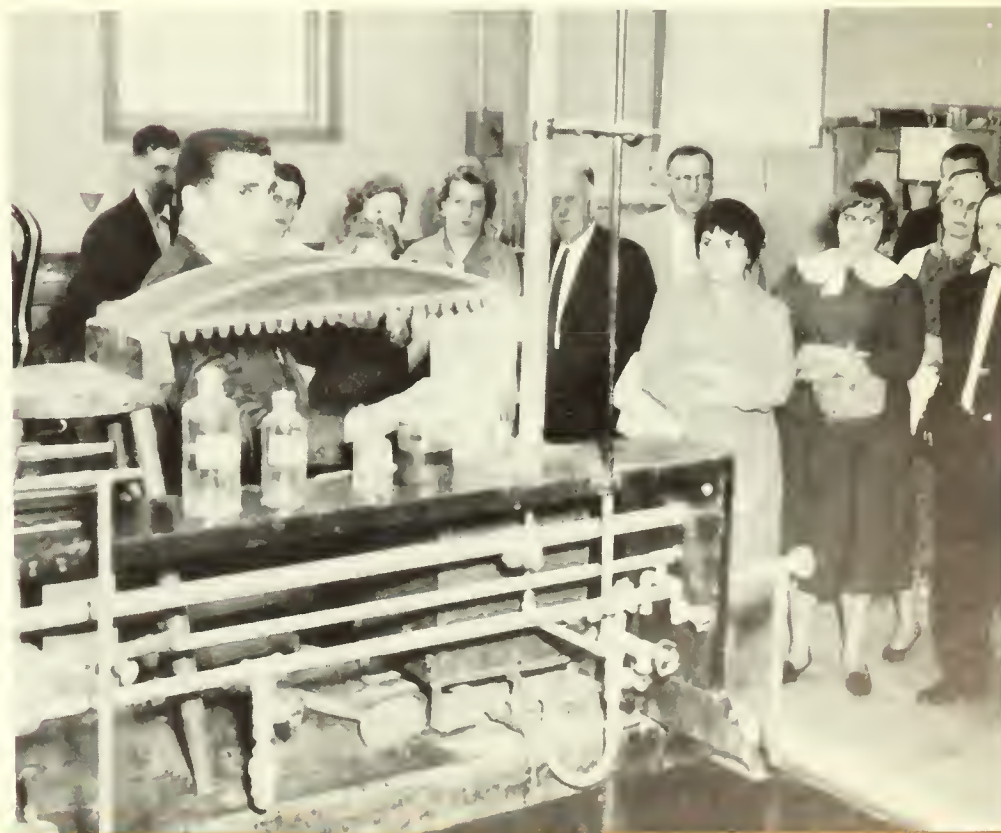
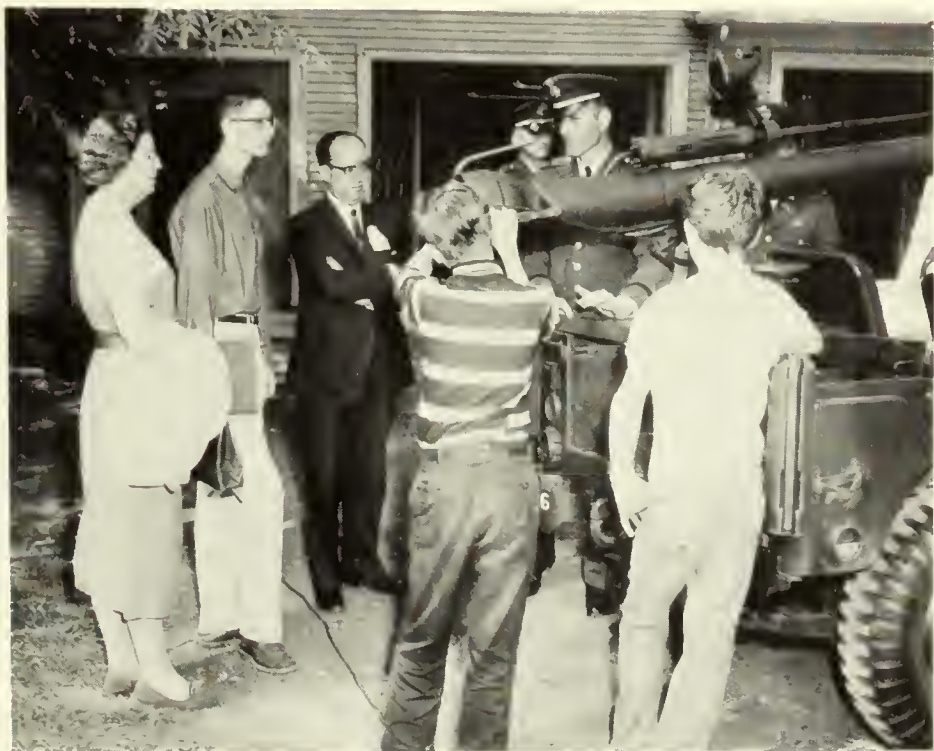


Efficiency?





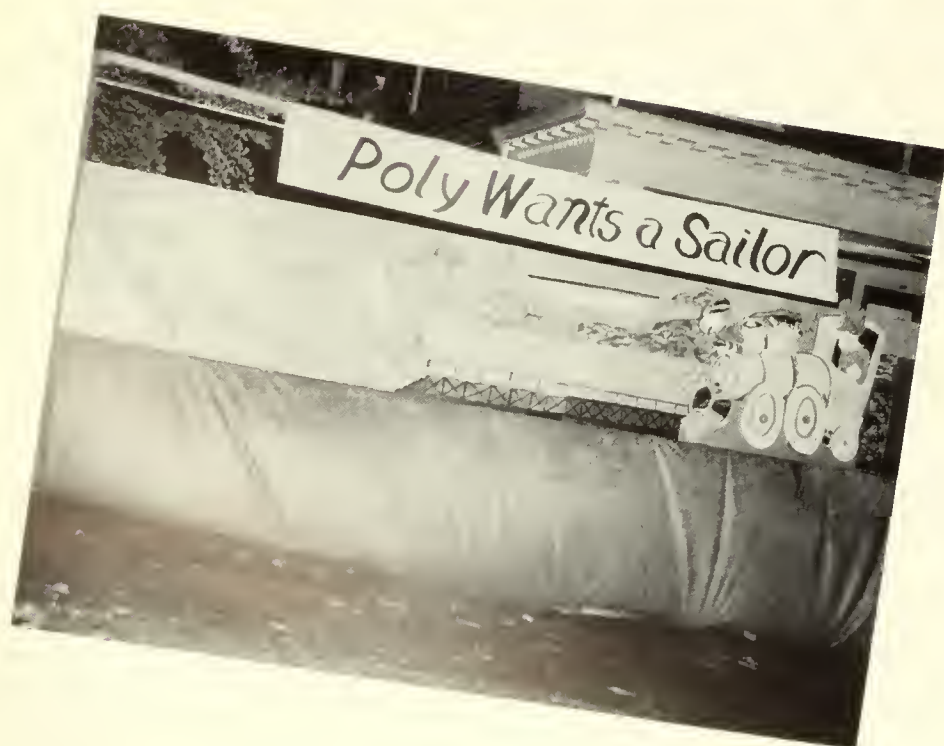
## PARENTS' DAY







## HOMECOMING











## PLEDGINGS







Of course it's the Mona Lisa.

The Kingston Trio



Pipefitters Incorporated



Wish way to de bashket?

Sig Ep takes the Songfest Trophy.







The beginning



171 days until graduation.



A momento of Tech life.



THE END



# ACTIVITIES





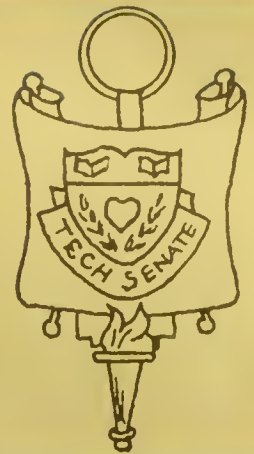




# TECH SENATE



*Seated, Front:* P. Sledzik, W. Calder, G. Foxhall. *Seated, Rear:* B. Hosmer, P. Sharon, W. Zinno, W. Allanach, V. Castellani, R. Adler, M. Rees, R. DiBuono, D. Snay, J. Greenlie.



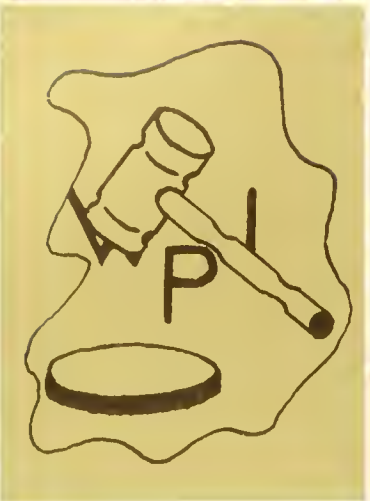
The Tech Senate is one of two organizations which constitute the Tech Council, the student governing body at Worcester Tech. The Senate is composed of one faculty member, two representatives elected from each of the four classes, the class presidents and the president of the student body. Serving as non-voting members are the Speaker of the Council of Presidents and the Chairman of the Student Service Council. In addition to this, the Student Service Council was reorganized and subsequently incorporated as part of the Tech Senate in 1958.

As a student governing organization the Tech Senate has as its main functions, matters which are related to the student body as a whole and in general to the various classes. These

functions are wide and varied consisting of such items as the formulating of the Assembly Program, functioning of school spirit, programming the annual Parents' Day affair, organizing and promoting the Freshman-Sophomore rivalry and participating in the selection of those senior students who are to be honored by membership to "Who's Who Among Students in American Colleges and Universities."

Among those functions which are prime in importance is the Tech Senate's role in maintaining good relations between the student body and the administration by keeping each group informed of the other's opinions and ideas through effective means of discussion and communication.





## COUNCIL OF PRESIDENTS



*Front Row:* R. Freeman, J. Gabarro, R. Cadet, A. Andrews, M. Rees, B. Woodford, R. Baker, D. Goodman, L. Hackett. *Second Row:* I. Freeman, A. Kamlet, R. Schomber, F. Goddu, D. Carlson, A. Sherman, W. Pillartz, G. Foxhall. *Back Row:* T. O'Shea, W. Pierce, R. Adler, C. Wilkes, D. Wilcock, T. Langley.

The Council of Presidents is composed of one faculty member, the presidents of the recognized campus organizations, the Secretary-Treasurer and the Speaker, the latter two being elected by the members from their membership.

The purpose of the Council is to co-ordinate the functions and business of the member organizations. Some of its duties include the allocation of funds to the individual activities, the enforcement of the activities eligibility code, and the planning and effecting of the freshmen orientation program.

This year the method of obtaining money for the activities has been changed. Formerly the money has come from the Students Activities tax. Since this has been incorporated into

the tuition fee, the administration will appropriate a budget to the Council in a manner similar to that of the academic departments. This is to the advantage of the Council and promises to work out very well.

New horizons will be reached in the near future as the Inter-collegiate City Council has been formed. The Council of Presidents, working through Tech's representatives to this organization, can co-ordinate activities of our clubs with similar clubs on other campuses. This will be a good source of ideas for our clubs and will provide many opportunities to help others.



## STUDENT SERVICE COUNCIL



*Seated:* W. Borla, K. Olson, P. Sledzik, W. Fado, M. Rees. *Standing:* J. Magaldi, C. Matuzek, J. Forand, R. Flood.

The Student Service Council is a part of the Tech Senate and the oldest student organization at Worcester Tech. The purpose of the council, as its name indicates, is, "to serve the men of W.P.I. regardless of creed in every possible, helpful and practical way."

The S.S.C. demonstrates its interest in the student body in various ways. Two of these are in editing and publishing the Tech Bible and the Tech Blotter. In addition to this the

S.S.C. produces the "Tech Carnival" each year and is in charge of all charity drives on campus. A recent innovation is the "Rides and Riders Wanted Board" in Boynton. This is an aid to students looking for transportation to various points on weekends and before vacations.

Thus, in these unpublicized ways, the S.S.C. serves the students of W.P.I.



# INTERFRATERNITY COUNCIL



*Seated:* Al Ireland, Dick Adler, Joe Carpentiere, Charles Wilkes, Ron Thomas, Brad Hosmer.  
*Standing:* Ned Rowe, Connie Matuzek, Lou Rossi, Rog Faulk, Pete Ong.



The receiving line of the I.F. Ball.

Here at Worcester Tech as on many other college campuses throughout the country one of the more important student organizations is the Interfraternity Council. The Council is composed of one representative from each of the ten fraternities and is under the capable guidance of Prof. Claude R. Scheifley and Prof. Donald E. Johnson, chairman and secretary respectively.

The main purpose of the Interfraternity Council is to foster better relations among the individual fraternities. To do this the Council meets each month to discuss their differences and their interests. By working together in this way the fraternities have been able to initiate a program of coopera-

tive buying for fuel oil, a program which is proving most profitable to all. Another important matter which is handled by the Council is the Interfraternity Rushing System. Through the skillful ability of the Council's rushing committee the fraternities were able to carry out a rushing program in the manner acceptable to everyone concerned.

One of the most enjoyable of all the activities sponsored by the Council is the annual I.F. Ball. This year with Connie Matuzich as chairman the I.F.C. presented "Swiss Holiday" with dancing to the music of Herbie Wayne. With Alden decorated as a Swiss chalet this was one of the most successful social events of the year.





# PEDDLER



Front Row: C. Rowley, G. Parker, W. Gill, R. Schomber, C. Wilkes, G. Foxhall, J. Ryerson, J. Vyce.  
Second Row: R. Behn, W. Pillartz, M. Malbon, M. Keegan, D. Robertson, G. St. Germain, J. Gabarro. Third Row: D. Ghiz, F. Goddu, J. McDonnell, J. Tassillo, W. Ambler, B. Hosmer, R. DiBuono, J. Ehrlich. Back Row: T. Ferhoden, R. Read, R. Baruzzi, P. Sledzik, K. Anusavice, R. Murphy, H. Taylor.



Charles Wilkes  
Editor-in-Chief



Robert Schomber  
Copy Editor

A college student will have many things worth remembering by the time he graduates — friends, professors, fraternity, social events, and, most of all, commencement. Many of the important things, the earth-shaking events, will be remembered easily for years. But the everyday life he has led, the college atmosphere, the familiar surroundings, will fade all too soon into the forgotten past. There will be things happy, sad, quiet and chaotic which are all worth remembering, but will tend to be forgotten.

It has been the aim of the 1961 *Peddler* to provide a

means for the Senior Class to review this four year period of their lives in days to come; to give an accurate account of one's undergraduate years at Tech; and to combine humor and reminiscing into an enjoyable, readable publication.

The Staff of the *Peddler* has spent many hours of this scholastic year in preparing the finished product you now hold. We have done our best, and feel, we think, justifiably proud of the result. The task was a hard one, discouraging at times, but, if the book you are reading brings enjoyable hours with it, the job has been well done.





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*Make-up Editor*



John Ryerson  
*Managing Editor*



Craig Rowley  
*Art Editor*



William Gill  
*Advertising Editor*



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*Ass't Managing Editor*



George Foxhall  
*Business Manager*



Jack Vyce  
*Photography Editor*

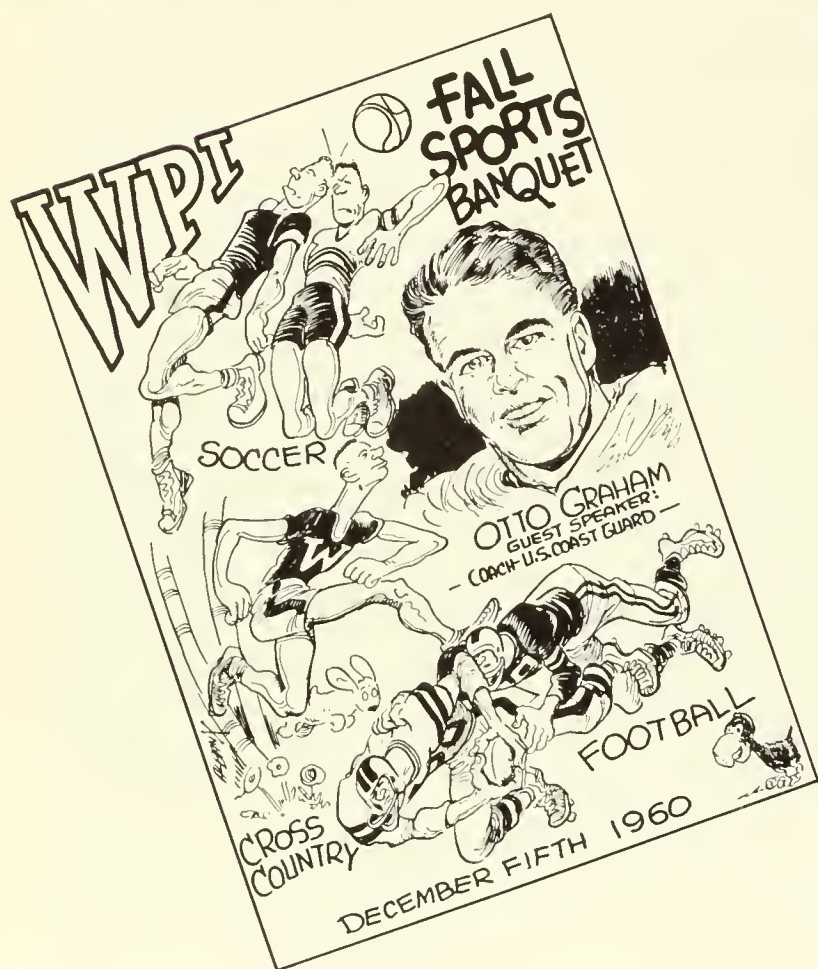




# VARSITY CLUB



Front Row: B. Hosmer, M. Rees, J. Carpentiere, P. Sledzik, R. Schussler, D. Prosser, T. Pantages, F. Marra. Second Row: P. Parmenter, D. Pender, R. Reed, A. Green, W. Calder, C. Lehtinen, C. Mello, S. Pelch. Back Row: G. Yule, S. Osterling, J. Ruprecht, A. Ireland, N. Bolyea, E. Weber, D. Goodman, R. Zidzuinas.



The Worcester Tech Varsity Club is composed in its entirety of those men who have earned their varsity letter in a sport. Through their participation in sports, these men have brought respect, popularity and prestige to Worcester Tech. The Varsity Club is becoming increasingly more active and effective in promoting the best interests of W.P.I.

The importance of the Varsity Club must not be underestimated. Unlike most clubs here at Tech the Varsity Club is completely self-sufficient. It achieves this by running concessions at athletic events such as the football and basketball games. Revenue is also acquired from the sponsoring of the annual Fall Sports Dance, one of the most important social

functions of the fall season at Tech.

The activities of the Varsity Club are manifold. Meetings are held once a month at which business is discussed and films are shown on some phase of sports. The club also maintains an up-to-date library of books which it lends to those members who for financial reasons cannot afford to buy them. In addition to this, the club presents a plaque to the best athlete of the year at the annual Spring Sports Banquet.

In these ways and by working to foster a strong school spirit the W.P.I. Varsity Club promotes the best interests of the school.



# TECH NEWS



*Front Row:* A. Beaudoin, S. Brody, R. Schomber, W. Pillartz, J. Gabarro, G. Foxhall, B. Hosmer, M. Keegan, P. Sledzik, F. Duval. *Second Row:* J. LeBlanc, D. Robertson, D. Cohen, E. Scherer, K. Backer, M. Davis, T. Tully, D. Gale, P. Ulcickas. *Third Row:* R. Murphy, F. Goddu, R. Behn, B. Taylor, R. LaJeunesse, V. Castellani, R. Reed, J. Beaulac, J. Velezis, T. Ferhoden.



Managing Editor, George Foxhall, Make-up Editor, Mel Keegan, Managing Editor, Ned Rowe, Editor-in-Chief, John J. Gabarro.



Sports Editor, Brad Hosmer and Advertising Manager, Bob Schomber.

The time is Sunday afternoon at two o'clock, and the place is just off the Commons in Sanford Riley Hall. There is a mad jumble of people, all either busily typing, talking or writing. The situation: the weekly make-up of the Tech News. Here in this disorganized appearing conglomeration of activity, is where the Tech News is put together. Out of this maze of activity, WPI's weekly is born.

A phone rings in the background, a late article is finally in, and someone hollers "who has the head for story sixteen?" All the activity of the Tech News does not occur on Sunday afternoon, however. Before this, stories must be assigned, inter-

views taken, pictures shot, and ads subscribed, as well as a number of other agonizing forms of enjoyment. In all the Tech News manages to keep over seventy students involved in its production.

Around six or seven o'clock, the news office is quiet, and pending final proofing, the Tech News is off to press. The final test of whether the weeks work has been a success comes Wednesday morning when it hits the campus. This is the routine of the weekly at W.P.I. To those who work for it, a continual source of troubles and enjoyment is theirs; for those who read it, the weekly digest of news and life at Tech.





# MASQUE



Front Row: N. Jorgenson, G. Storti, F. Goddu, J. Kuklewicz, J. Santosuosso. Second Row: R. Strickland, R. Murphy, L. Israel, W. Adams, H. Taylor, P. Chutoransky. Third Row: R. Behn, B. Woodford, J. Beaulac, J. Ryerson, D. Dunklee.



The Globe Theater may have been an enjoyable place to spend a Sunday afternoon during the Victorian Era, however it would have to alter its program extensively if it were to remain in business today.

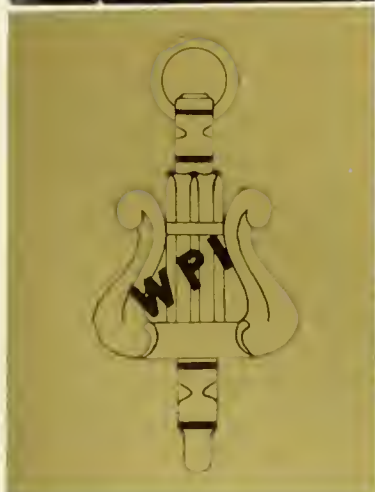
Without a doubt, the Shakesperean audiences would find presentations such as those put on by the Masque much more to their liking. In fact, the early theater goers in England would probably be among the most enthusiastic supporters of this organization if they were able to witness one of the productions this year. This would be for many good reasons. For instance, those who attended the club's minor production, *A Fabulous Tale*, will attest that each of the acting parts was accomplished in a professional manner. Also, much reality was contributed by the props, which were of the finest caliber in years.

It was because of these and other attributing factors, that later in the year, the play, *The Reclining Figure*, written by Harry Keunitz, met with such large success. However, this, the club's major production, was accomplished only after many weeks of preparation.

1960 will be remembered as the year that Mu Kappa Sigma arrived on the Worcester Tech campus. This recognition society leant a great deal to the dignity the Masque already had on campus, and will serve in the future as a goal for the engineering thespian.

Much of the back-breaking labor went without credit, however. If it were not for those participating behind the scenes, this year's accomplishments could not have been realized.





# BAND



*First Row:* R. Schofield, R. Bridgman, G. Anderson, S. Pooley, R. Freeman, R. Herrick, J. Freedman, H. Wright, W. Lillius. *Second Row:* N. Jorgenson, F. Stone, A. Skeil, L. Hackett, R. Wilson, A. Malchiodi, R. Jamaitis, B. Schneider, R. Johnson. *Third Row:* B. Larsen, R. White, E. Wyner, L. Dodge, S. Mittleman, P. Callahan, E. Megathlin, D. Gendron, E. Curtis, G. St. Germain, F. Caradonna.



This school year was the most successful the W.P.I. Band has had in many seasons. Under the capable direction of Bill Lynch, an accomplished group of freshmen increased the membership to fifty-two. Besides playing at all home games, the Band played during the half at the Wesleyan game.

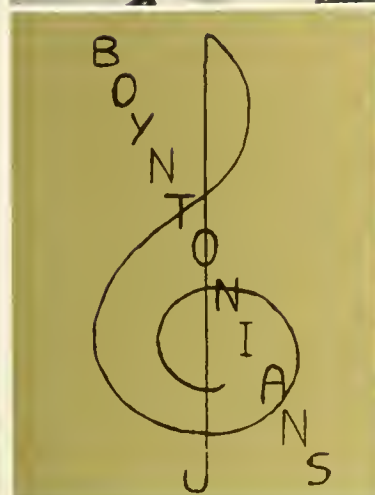
With the completion of the football season the Band began preparations for the annual assembly concert in January, providing music for the home basketball games in the interim.

The R.O.T.C. Band began rehearsals with the coming of the second semester, while the Tech Band continued playing for the basketball games finishing out a very active year.

The Boyntonians is a self-supporting group of students interested in dance band music. Its sixteen pieces have been called reminiscent of the Glenn Miller sound. M/Sgt. Frank Smith, band director, has had much to do with the Boyntonian's growth.

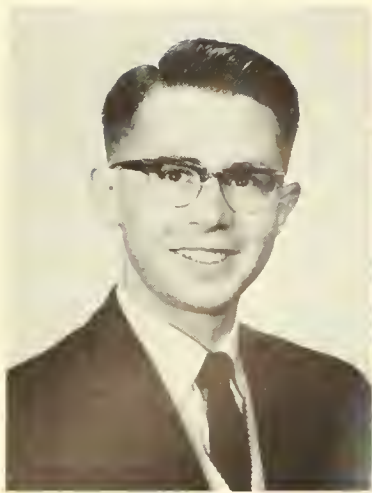
The Boyntonians sponsored an Ice Breaker dance at the beginning of the year that was very well attended. The band also played for the Homecoming and Varsity Club dances. Bigger and better things are predicted for next year with the many talented upperclassmen that are returning.

# BOYNTONIANS



*First Row:* D. Gendron, C. Brown, K. Krikorian, R. Freeman, J. Freedman, F. Smith, *Director.* *Second Row:* L. Bascom, S. Pooley, R. Herrick, P. Cook, R. Wilson. *Back Row:* E. Megathlin, N. Jorgenson, E. Pyle, H. Wright.





# GLEE CLUB



Front Row: D. Dimick, G. Goshgarian, W. Shurbet, C. Beck, J. Pitts, Henry L. Hokans, *Director*; R. Baker, D. Gladstone, D. Gale, R. White, A. Elias. Second Row: R. Farrell, D. Kulikewich, B. Connell, G. Whiteside, U. S. Keds,

M. Woodilla, R. Martinez, M. Somerville, M. Harper, B. Larsen, D. Beaber. Third Row: T. Bantley, D. Cormier, R. Chapin, T. Lippman, R. Germain, T. Allegrezza, J. Ostrowski, J. Greenlie, R. Olson, R. Wilson, W. Fado, J. Spencer.

The Worcester Tech Glee Club is one of the most active organizations on campus, holding five concerts during the school year. Three of these concerts utilize different sets of music while the other two, since they are in different cities, repeat the same repertoire. This year two of the concerts were held away from Worcester, at Lesley College in Cambridge and at Simmons College in Boston. Charles Beck III, a member of both the Glee Club and the Technichords and accompanist for the Glee Club during the past year, has displayed a musical maturity which has greatly aided the club. Mr. Henry

Hokans, the club director, has done an excellent job, despite the fact that more than half of this year's singers are drawn from the freshman class.

The Technichords, Worcester Tech's octet, is a group composed of some of the best-trained voices in the Glee Club. They sang at all the Glee Club's concerts and at one of their own in New Hampshire. The Technichords sing music which is much more difficult than that which the Glee Club as a whole could handle, adding variety and interest to the Glee Club's fine concerts.

## TECHNICHORDS

A. Elias, M. Somerville, R. Germain, J. Ostrowski C. Beck, R. Roseen, M. Harper, D. Beaber.

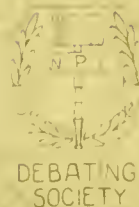




# THE DEBATING SOCIETY



*Front Row: B. Woodford, J. Kuklewicz. Second Row: R. Peura, R. Behn, E. Scherer, P. Chutoransky.*



Probably no activity on campus requires as much analytic reasoning, poise and speaking ability as debating. This year, the Debating Society has been quite active, participating in debates both at home and at other colleges. Some outstanding tournaments attended include those at Trinity College, Brooklyn College and New York University.

Debating in general can be classified as serious or recreational. Serious debating, done on a subject of nationwide interest, constituted the major part of all tournaments. This year the club was concerned with the question of a national

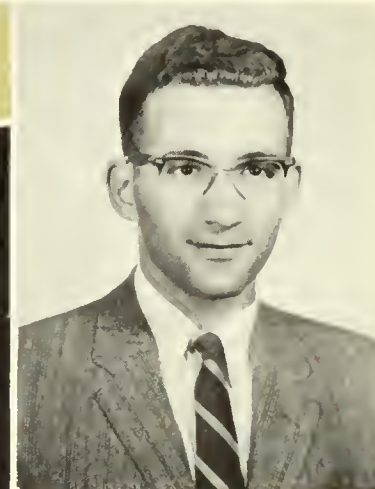
compulsory health insurance plan. Debate centered around the desirability of compulsory insurance in general and the feasibility of the various plans offered. Recreational debating covered the whole field of extemporaneous speaking, impromptu debating and after-dinner speeches.

This year's club can look back on a very successful season. More important, the knowledge and experience that its members have gained will follow them through school and after graduation.

# CAMERA CLUB



*Front Row: S. Lee-Aphon, M. Noradoukian, A. Beaudoin. Second Row: I. Freeman, C. Jacobson, R. Read, W. Reinert.*



The Camera Club has enjoyed another successful year on the Tech campus. While maintaining an active program for its members, the club lends itself to the photographic needs of other campus activities. At the bi-monthly meetings the members participated in well-oriented programs including a series of three lectures by Mr. N. S. Cohen of the American Antiquarian Society and a lecture by Dr. A. E. Parker, head of the Department of Physics at Tech. All members participated in the annual club competition which this year was a "Best Print from Negative" contest. "Model

Night", held in the spring, proved to be a successful display of club creativity. A thoroughly enjoyable tour of the Richmond Studios closed out the year.

The members all extend their sincerest gratitude to Mr. R. R. Borden, their faculty advisor, for the invaluable assistance he has rendered. With the prospect of moving its well-equipped dark room from the basement of Boynton to Sanford Riley Hall, the club looks optimistically toward the future.

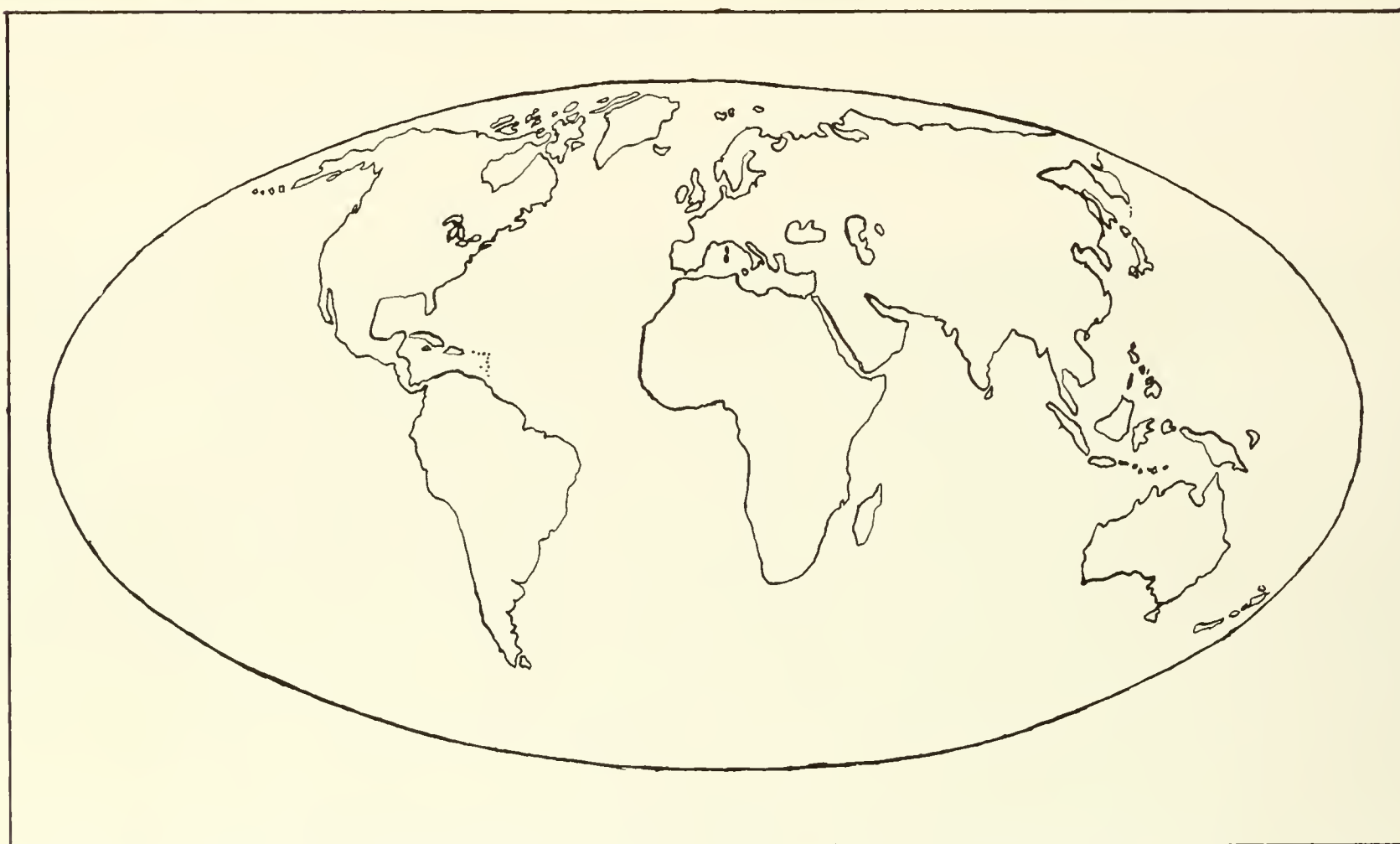




# COSMOPOLITAN CLUB



N. Win, W. Park, M. Framistan, Al Dunklee, A. Sherman, J. Mayer, R. Cadet, M. Shah, R. Pickett, D. Dunklee, P. Ulcikas, E. Sellevold, A. Fernandez, S. Lee-Aphon, K. Mothau.



Cosmopolitan means "world citizen." Thus, as the name implies, the function of this club is a bringing together, an amalgamation as it were, of the ideas and customs of different parts of the world. Membership in the club is open to both foreign and American students, with most of the foreign students enrolled at the Institute and several native Americans joining the club each year. Thus an encompassing cross section of the world is represented at each meeting.

Each month, a distinguished person throws open his home for a meeting of the club, with a good selection of the Tech faculty usually on hand. Each person tells of his home land and expresses his views on both native and world-wide problems and occurrences, thus providing an entertaining evening for all, host as well as guest. In this way, the members of the club, through a friendly intermingling of differing environments and mutual ideas and ideals, are truly "cosmopolitans."



# NAUTICAL CLUB



*Seated:* D. Smith, S. Wells, P. Chutoransky, D. Goodman, W. Peirce, H. Sullivan. *Standing:* P. Marston, R. Schofield, R. Scott, R. Pueschel.



No longer can we laugh at and joke about Tech's battered yachts, for they have finally gone the way of all good boats, to the bottom. The Tech Nautical Club now has only its two Sailfish and the use of the boats at Regatta Point on Lake Quinsigamond.

In spite of this seeming handicap, the prospects for the future seem very bright. The winter program, consisting of movies and sailing instruction, prepared the new sailors for spring racing. This year, for the first time in the history of the

Worcester Tech Nautical Club, we held our own sailing meets.

Since its founding in 1936, the club has come a long way. Our racing schedule now includes such teams as M.I.T., Brown, Coast Guard and others of similar high ability.

The ultimate goal of the club is to have its own fleet of boats and a boathouse, but much work has to be done before this is accomplished. In the meantime, we anticipate competitive sailing as well as relaxation on the blue waters of Lake Quinsigamond.

# PERSHING RIFLES



Shortly after the turn of the century, a group of students at Worcester Tech organized a military drill team known as the "Salisbury Guard." Its existence was short lived, however, and for many years had no drill team. Then in the years 1953 and 1954 a national ROTC military drill fraternity, the "Pershing Rifles" was established; and in 1957 it amalagated with the "Salisbury Guard" to form Company E-12 of the 12th Pershing Rifles Regiment.

This year under the able leadership of P.R. Captain Arthur Kamlet, P.R. 1st Lieutenant Allen Dale, P.R. 1st Lieutenant Michael Kaufmann, P.R. 2nd Lieutenant Peter Chutoransky, and with the assistance and advice of Captain Clare R. Rogers, the Pershing Rifles Company has grown to over 50 active members, and has performed admirably in Regimental Drill Competitions, Armistice Day Parade, Memorial Day Parade, Parents Day, and several other exhibitions.





# CHESS CLUB



*Seated:* D. Dunklee, K. Knight, W. Reinert, L. Israel. *Standing:* A. Dunklee, M. Shah, R. Guertin, A. Sherman.



Since its organization four years ago the W.P.I. Chess Club has sought to promote interest in the Royal Game at Tech. It is an active organization holding weekly meetings to which all are welcome, in the Janet Earle Room.

Some chess players obtain enjoyment from a casual game; others are attracted by the excitement and the challenge of "serious" competition. The W.P.I. Chess Club hopes to satisfy everyone, whether through friendly games at the Monday-evening meetings or through tournaments and matches held within the organization and against other chess clubs.

Last year a "Ladder Board" was introduced to provide a continuous means of intra-club rivalry. Participating members possess numerical ratings and may improve their standing by success in "ladder" games. As an extra incentive for players to seek to improve their skill, prizes are awarded to those who

increase their ratings the most each semester.

"Five-minute" chess tournaments have been another highlight of the group's program. Because each participant has only five minutes to make all his moves, the play is fast, exciting and a source of considerable amusement for all.

Those who demonstrate the most skill have the opportunity to enter into competition with other chess clubs. Of the many matches it has held with teams from Clark University, Springfield and the Worcester Chess Club the Tech chess team has won the majority.

The Club is fortunate to have excellent chess equipment, including chess clocks for the timing of players in tournament and match competition. It also owns the beginning of a chess library for the benefit of those who wish to improve their knowledge of the game.



# RIFLE CLUB



*Kneeling: J. Hochstaine, R. Rudd, D. Beaver, D. Boone. Standing: C. Jacobson, T. Langley, D. Stone, M/Sgt. Ed. Yopchick.*



Though seldom seen but frequently heard, the Rifle Club here at Tech, which includes the Varsity Rifle Team, plays an important part in spreading around the victory cry of W.P.I. This group of sharpshooters, led by Sargeant Yopchick, an old pro at jumping the gun, has banged its way to a top season's record against some of the most powerful colleges in the New England area. Sargeant Yopchick, who can usually be found

down on the range with a cigar in his mouth and a scope to his eye, deserves credit for the fine coaching job he has done.

The main strength of the team lies in the experienced core of men remaining from last year's team. In addition, there are an unusual number of expert freshmen marksmen, thus predicting not only continued success this season but in the future as well.





# NEWMAN CLUB



*Front Row:* J. LeBlanc, A. Beaudoin, S. Strychaz, W. Pillartz, F. Goddu, R. DiBuono, J. Gabarro, T. Zagryn, R. Cassanelli. *Second Row:* J. Adams, G. Benedetto, R. LaJeunesse, J. Quagliarolo, H. Taylor, D. Heath, G. St. Germain, P. Chutoransky, D. Gale, R. Schwarz. *Third Row:* A. Angleovich, V. Castellani, N. Rowe, F. Duval, R. Banks, J. Beulac, J. McDonnell, L. Proulx, A. Malchiodi.

The Newman Club, a nation-wide organization of Catholic students, is enjoying its fifty-second year on the Tech Campus with a membership of roughly one hundred and fifty men. The club has as its objectives the religious, educational and social advancement of its members.

Monthly meetings are held on campus, at which time many interesting speakers are invited to discuss and answer any questions brought forth by the members. Each meeting is

preceded by a short business meeting and concluded with a buffet style supper.

This year the club was fortunate to receive a new young chaplain in Father Gerald Gee of Immaculate Conception Parish. Father Gee, who has always been active in Newman Club work, has provided a stimulating lift to the club both spiritually and socially.



# PROTESTANT CHRISTIAN FELLOWSHIP



E. Curtis, R. Flood, R. Peuschel, D. Goodman.

Through the Protestant Christian Fellowship, one of the basic needs of the college student, religious and moral stimulation, is fulfilled. Toward this end, weekly lectures by guest speakers are held, followed by discussion periods. In addition to this, since the P. C. F. is closely allied with the Protestant Young Adult Council of the Greater Worcester Area Council of Churches, its members are invited to join in the activities of

this organization also.

This year, through the efforts of the group's new advisor, Reverend Joseph Axenroth, seminars and Bible discussions have been added to the program of the organization along with social events from time to time to provide an interesting and varied agenda.



# BRIDGE CLUB



S. Wells, A. Andrews, D. Cohen, C. Jacobson.



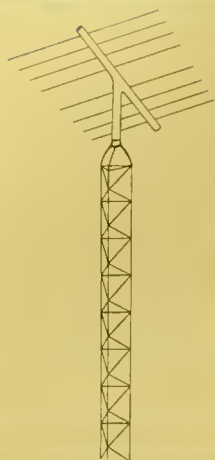
This year the task of reorganizing the Worcester Tech Bridge Club, which had become defunct at the end of the 1959-60 season, was undertaken. Under the capable direction of Professor Roddenbury this task was accomplished beyond expectation. During the past years the club consisted of twenty-five active members, most of whom were underclassmen. Now active membership exceeds thirty including players from all classes and graduate students. This represents the largest participation in this activity in Tech's history.

Contrary to the way bridge clubs have been run in the past, emphasis has been put on teaching newcomers the game and not on playing intercollegiate matches. However, the members are improving vastly and in the near future the organization plans to re-enter the intercollegiate bridge tournaments in the area. In the past the W.P.I. Bridge Club has sponsored an Intercollegiate Bridge Tournament for small colleges in and around Worcester. Due to deficient finances, however, this tournament had to be cancelled this year. If, in the future, a suitable plan can be worked out between the colleges in Worcester whereby Tech will not carry the entire financial burden of the tournament, the event may be continued.

In 1961 the club members made a serious attempt to get together with Clark Bridge Club. This was done with the feeling that we should meet them once a month, thus initiating the old tournaments. The idea of Clark's coed team seemed to appeal to the card playing engineers. Clark has also expressed a desire to meet us in tournament and plans for this should evolve in the near future. The club is very proud of the fact that many of the leading players had never played bridge before this year.







# RADIO CLUB



*Seated:* G. St. Germain, A. Kamlet, P. Burkott, T. Zagryn, E. Gosling, J. Hochstaine. *Standing:* F. Borgenson, F. Marconi, P. Kearney, D. Dimick, R. Greenhood.

For the forty-first year, the air waves around Worcester Tech have echoed with the calls of "CQ CQ THIS IS W1YK." The W.P.I. Radio Club has been in continuous existence since 1920, when it became one of the first United States amateur stations to establish two way communications with Europe.

Throughout the past year the club has partaken in many "ham" contests, in which W1YK was in constant operation for over twenty four hours at a time. Letters and QSL cards from stations all over the world have been received, confirming

communication with the station. The club also provides a message handling service for the school and community, channelling the traffic into one of the many radio nets in which W1YK participates actively. Another activity of the members in the past year was the building of a one kw transmitter.

Under the guidance of Professors Stannard and Howe, the club is well on the road to an expanded program in the near future through code and theory classes, lectures and films.



# THE ARTS SOCIETY



A. Andrews, S. Pelch, A. Rockmore, D. Carlson, I. Freeman, L. Proulx.

In an engineering school like Worcester Tech, students tend to neglect a very important part of their education, the study of the Humanities. The Arts Society is an organization which has as its goal the creation of greater interest in this field.

Since its formation in the spring of 1957, The Arts Society has tried to fill this educational gap by bringing to Tech several stage productions, some of the better films, and other presentations designed to promote the appreciation of the arts, literature, and music. It is a means whereby the students can

leave their strict engineering curriculum for a while and learn to appreciate the finer things in life.

In past years, the Society has presented a stage production by the Worcester County Light Opera Club and such movies as "Picnic" and "Quo Vadis". This year it has presented "Pal Joey" and "North by Northwest".

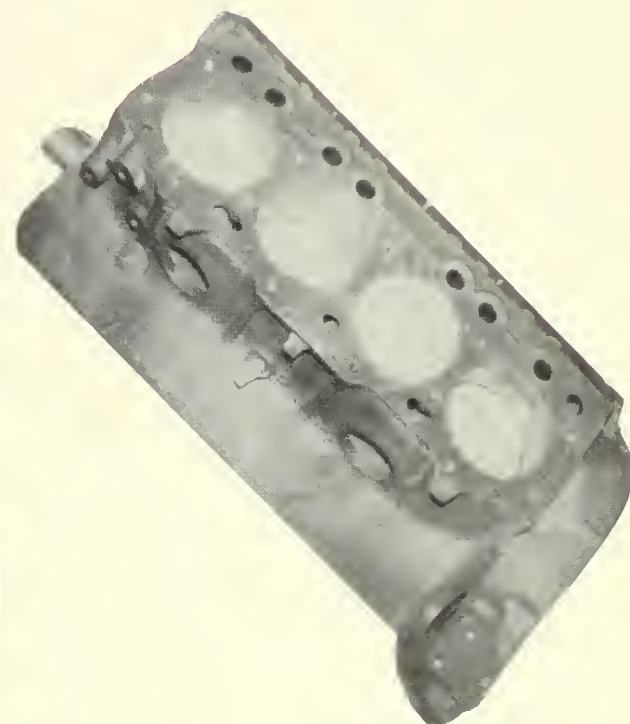
In this way The Arts Society adds a vital part to our college life.



# TECH AUTO CLUB



*First Row:* R. Herrick, R. Hale, D. Wilcock, L. Hackett. *Second Row:* D. Butynski, G. Anderson, D. Cormier, W. Shanok, C. Jacobson.



Since its inception in 1954, the Tech Auto Club has done much to provide an outlet for the energies of the automotive-minded students at W.P.I. Affiliated with the New England Timing Association, the club has sponsored rallies, made field trips and held auto shows along with regular meetings featuring topics of automotive interest.

With the profits from very successful auto shows held in the springs of '57 and '58, the club took advantage of the

garage donated by the school in 1960 and purchased an engine, frame and body to be used for an experimental car. Work is still progressing on this project.

Under the guidance of Professor Fred Webster of the M.E. department, who replaced Ken Roettger as faculty advisor at the start of the 1960-'61 school year, plans for a spring auto show, rallies and other activities are underway to make this year even more successful than past years.





# SEMI-SIMPLE GROUP



*Seated:* P. Ong, J. Euclid, M. Pathagoras, L. Israel, P. Engstrom, J. McDonnell, B. Cherkas, D. Cohen, M. Moses, R. Price, R. Murphy, P. Craugh. *Standing:* J. Thorworth, C. Jacobson, B. Dworman.



Tech's Brain

The Semi-Simple Group is Worcester Tech's math club. The organization meets on campus once each month and, upon invitation, sits in at meetings of other math clubs in the Worcester area.

From its beginning last year, the club has grown to a membership of thirty-five. At some meetings members have participated in giving student talks, while at other meetings the Group has had some of the finest speakers from the field of mathematics lecturing on a variety of subjects in their respec-

tive specialties.

Among its activities, the club sponsors an honor examination in order to recognize the most outstanding mathematics student in the freshman class.

In addition, the club has had many fine programs for its own betterment and the advancement of many other people with an interest in mathematics. Under the guidance of faculty advisor Ray Scott these programs will continue on this high level in the future.



# HONOR SOCIETIES











# SKULL



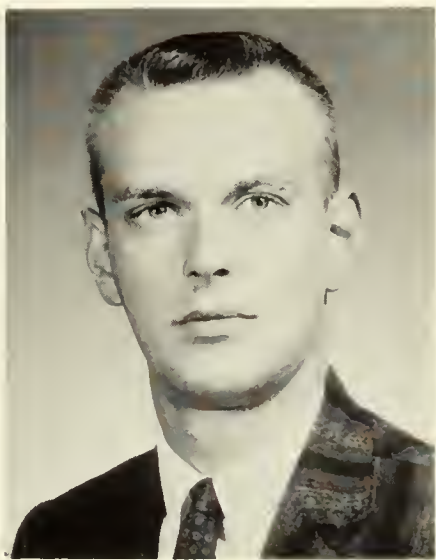
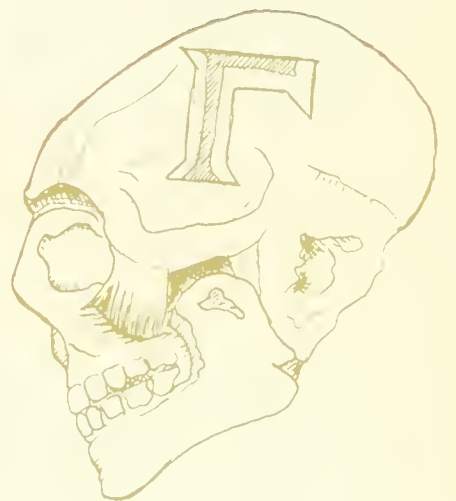
Richard S. Adler



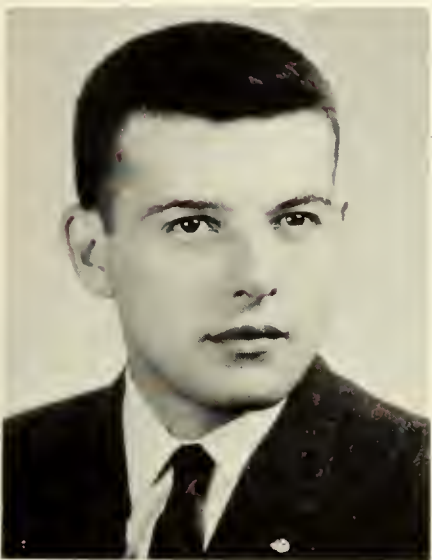
William Calder



Joseph P. Carpentiere



George F. Foxhall



John J. Gabarro



Bradley E. Hosmer



Mel G. Keegan



Paul S. Sledzik



Conrad F. Matuzek



Morgan R. Rees





Richard S. Adler



# WHO'S WHO AMONG STUDENTS IN AMERICAN UNIVERSITIES AND COLLEGES



Edward A. Altieri







William Calder



Joseph P. Carpentiere



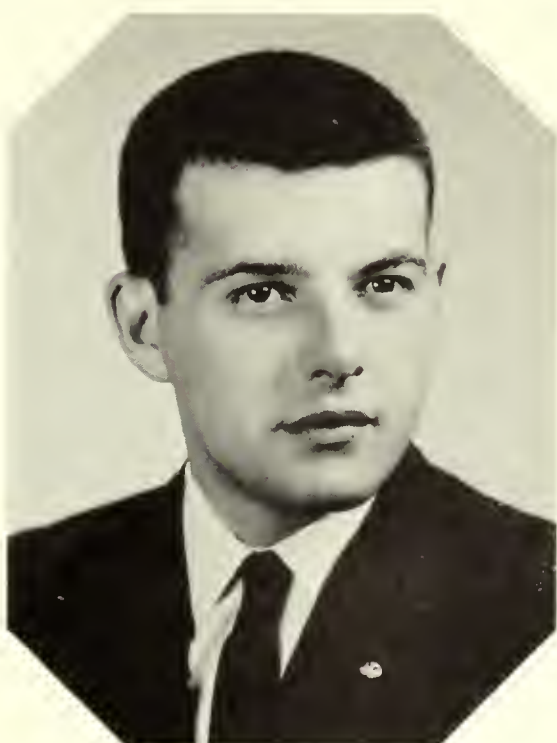
Frederick L. Duval



George F. Foxhall



Arthur F. Greene



John J. Gabarro





Mel G. Keegan



Conrad F. Matuzek



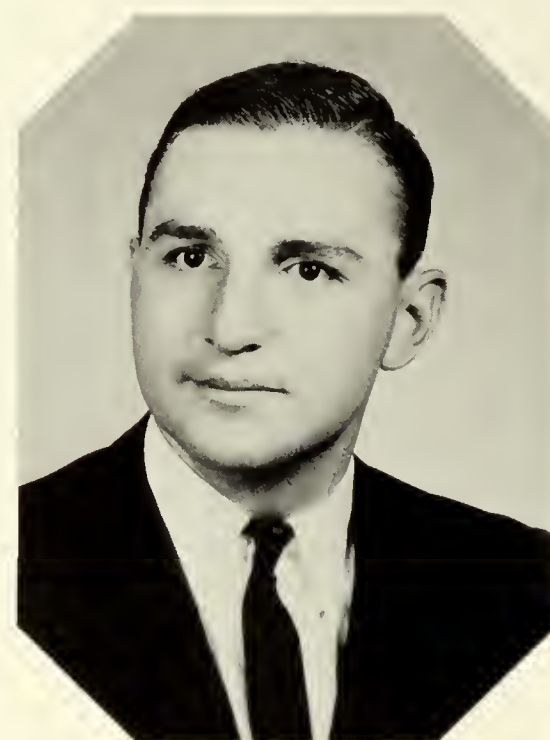
Bradley E. Hosmer



Stuart C. Kazin



Charles W. Mello



Walter E. Pillartz, Jr.





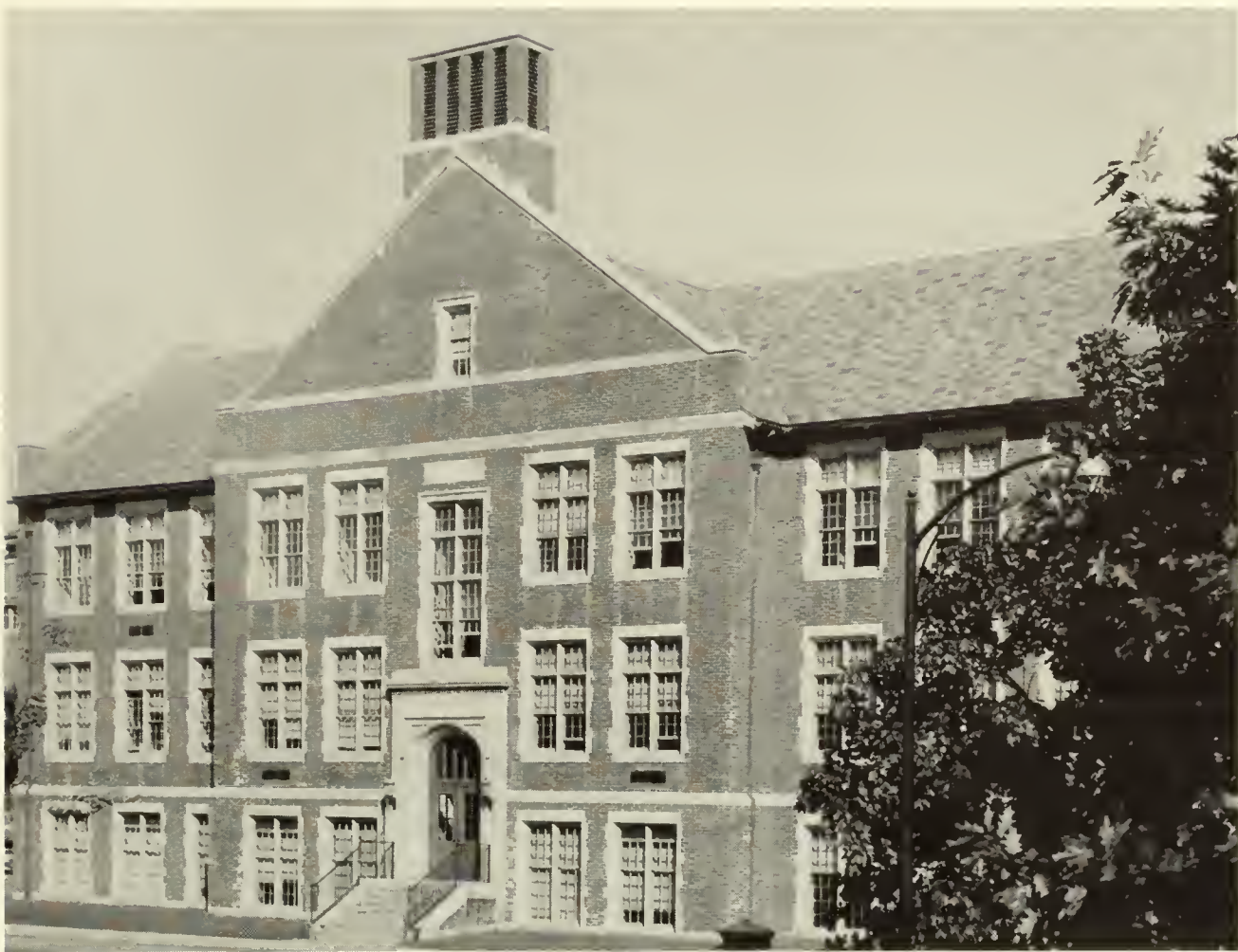
Morgan R. Rees



Pierce E. Rowe



Robert W. Schomber



Paul S. Sledzik



Bruce W. Woodford



Charles E. Wilkes



# TAU BETA PI

<i>President</i> .....	Bruce W. Woodford
<i>Vice President</i> .....	Arthur F. Greene
<i>Corresponding Secretary</i> .....	Joseph A. Calzone
<i>Recording Secretary</i> .....	Richard L. O'Shea
<i>Treasurer</i> .....	William B. Pierce



In the year 1885, an organization which was to become renowned as the "Phi Beta Kappa of engineering" was founded. Known as Tau Beta Pi, the society has progressed from its somewhat shaky and humble beginning until today it has developed into a powerful national honorary fraternity. Recorded on its rolls are 101 local chapters, and surely it richly deserves the epithet associated with it. Its purpose, as prescribed by its founding members, is "to mark in a fitting manner those who have conferred honor upon their Alma Mater by distinguished scholarship and exemplary character as undergraduates in engineering, or by their attainments as alumni in engineering, and to foster a spirit of liberal culture in the engineering colleges of America."

Tech's chapter of Tau Beta Pi, Massachusetts Alpha, came to our campus in 1910. Always a highly respected association here, it has dedicated its endeavors towards a more fluent

relationship between the student body and the members of the faculty and administration. Toward this end, it has promoted use of the faculty rating sheets, and has sought closer social contact through the famed "Tau Beta" outing, held in the spring of each year.

Symbol of the organization, the Bent is a familiar sight to students of Worcester Tech. Each spring and fall during pledging, those honored with pledgeship are seen on campus carrying a wooden replica of the Bent. The large six foot model, which is placed on the green in front of Alden, is also a familiar landmark at these times. Men are selected from the upper fifth of the senior class, and upper eighth of the junior class. The qualifications which must be possessed for consideration for membership are excellent character, outstanding leadership ability, and sincere interest in the general welfare of the campus.



*First Row:* William Fado, Hal Christopher, Gordon Parker. *Second Row:* Dick Freeman, Ralph Herrick, Joe Carpentiere. *Third Row:* Ray Zidziunas, Ned Rowe, James Katchidorian, John Oshes, William Pierce, Bruce Woodford, Art Greene, George Foxhall, Joe Calzone, Charles Wilkes.



# SIGMA XI

The honorary society of Sigma Xi is dedicated to the furtherance of the applied and pure sciences. It was founded in 1886 at Cornell University and has since grown to national stature. The chapter at Tech was established in 1908.

Seniors who have exhibited outstanding ability and interest in science and research are eligible for induction as associate members. Full membership is extended to those men who undertake the advancement of science either in graduate studies or research in industry.

The active work of the society revolves largely about promoting interest on the undergraduate level in research. To enhance this, meetings are held four times a year to which all are invited. These forums feature men who have done extensive research or made important discoveries in their field. This year Tech was fortunate to have among their speakers Mr. Clifford K. Shipton, Director of the American Antiquarian Society who gave an enlightening lecture on the activities of his group.

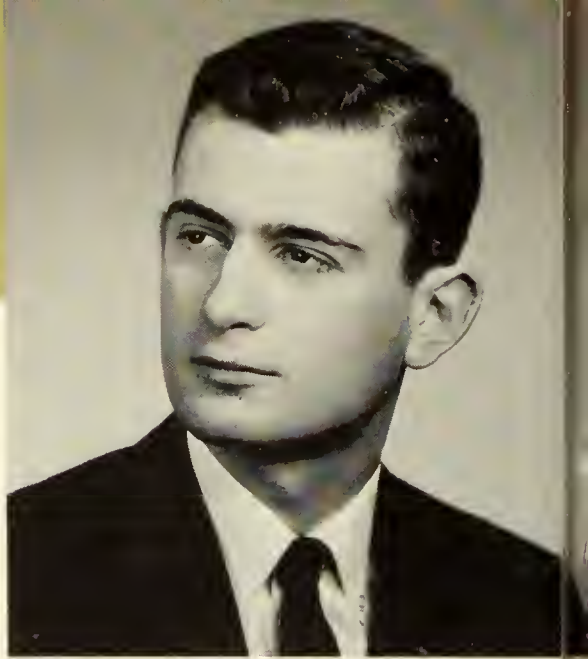


*New members are:* H. Alatalo, W. Anthony, R. Bober, J. Cherney, H. Christopher, A. Dunklee, J. Fay, D. Finlayson, G. Foxhall, R. Guertin, R. Johnson, J. Kachadorian, W. Kistler, S. Lerman, T. O'Connor, R. O'Shea, G. Parker, W. Pierce, T. Postma, G. Rizzi, R. Seamon, D. St. Onge, J. Swaine, Jr., V. Uotinen, G. Wilkes, S. Wilson, R. Zidziunas.



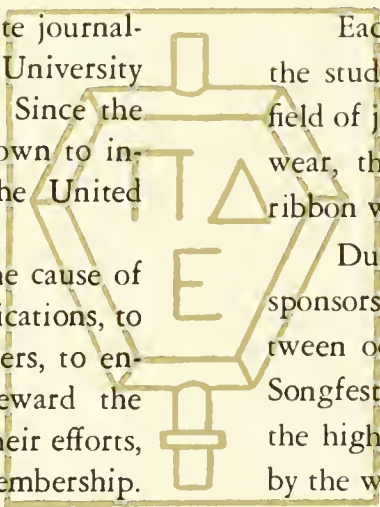
# PI DELTA EPSILON

<i>President</i> .....	Richard B. Hosmer
<i>Vice President</i> .....	Walter E. Pillartz, Jr.
<i>Secretary</i> .....	Pierce E. Rowe
<i>Treasurer</i> .....	George F. Foxhall



Pi Delta Epsilon is a national honorary collegiate journalism fraternity. It was founded in 1909 at Syracuse University and came to the Worcester Tech campus in 1948. Since the original chapter was founded, the fraternity has grown to include ninety-six chapters, scattered throughout the United States.

It is the purpose of the fraternity to elevate the cause of journalism, to foster mutual welfare of student publications, to develop the truest fraternal spirit among its members, to encourage loyalty to their Alma Mater, and to reward the journalists working on the student publications for their efforts, services, and accomplishments by admission to its membership.



Each year the members of Pi Delta Epsilon choose from the student body those men who have by their efforts in the field of journalism proven themselves outstanding. The pledges wear, throughout their pledgship, the lead slug and white ribbon which symbolizes their pledge.

During the second term of the school year the fraternity sponsors the Pi Delt Songfest. This involves competition between octets of the ten fraternities for the possession of the Songfest Trophy for a period of one year. The event is one of the highlights of the winter season and is looked forward to by the whole campus.



*Seated, Front:* J. Vice, G. Parker, C. Mello. *Seated, Rear:* R. Schomber, C. Wilkes, W. Pillartz, B. Hosmer, N. Rowe, G. Foxhall, J. Gabarro, M. Keegan.



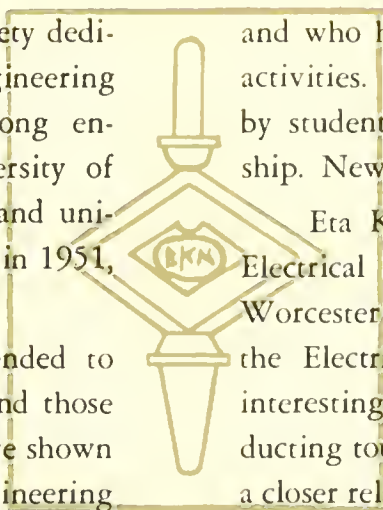


# ETA KAPPA NU

<i>President</i> .....	Richard H. Nelson
<i>Vice President</i> .....	Howard R. Freeman
<i>Secretary</i> .....	Bruce W. Woodford
<i>Treasurer</i> .....	Joseph A. Calzone

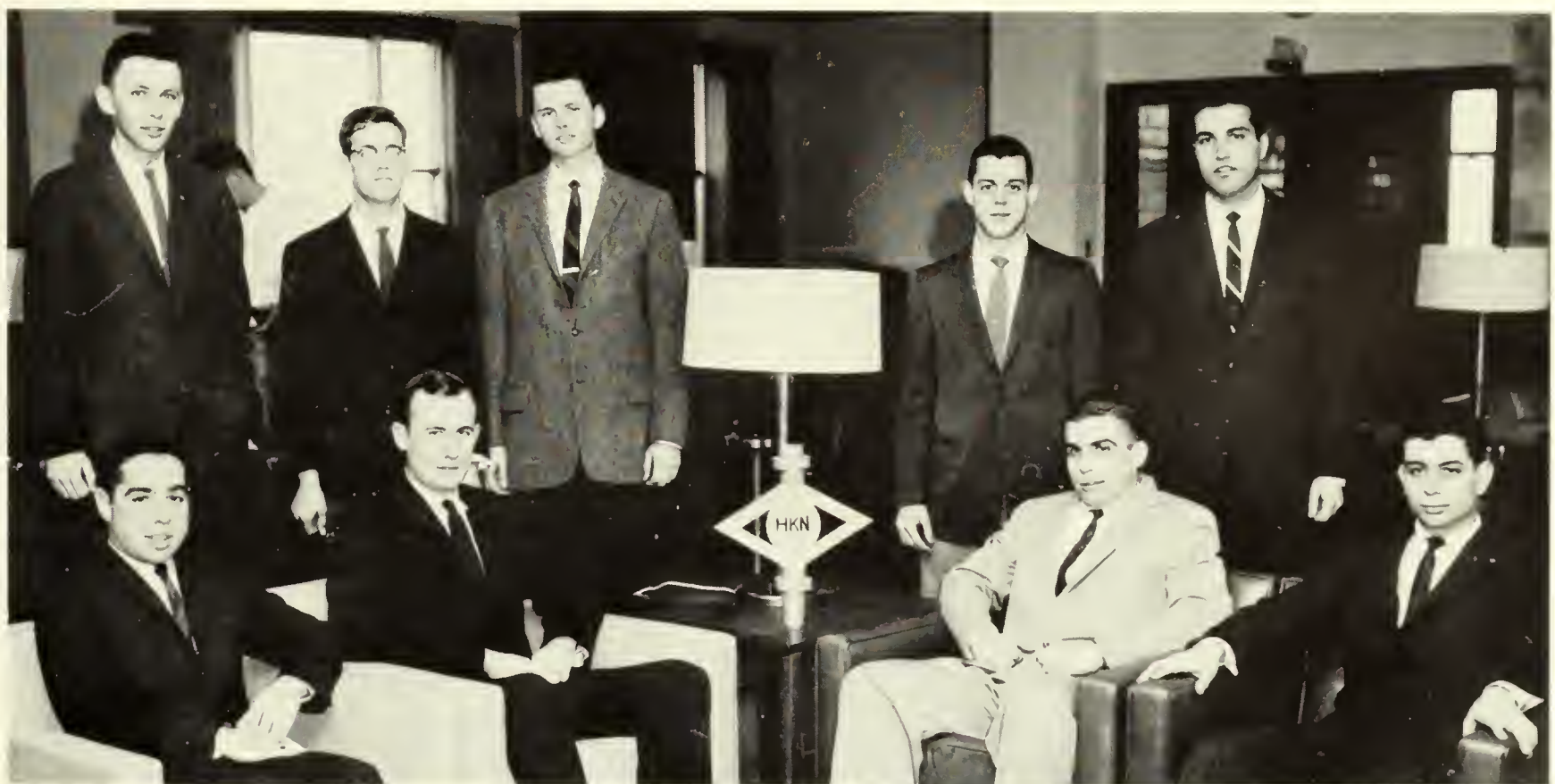
Eta Kappa is an electrical engineering honor society dedicated to furthering the profession of electrical engineering through better cooperation and understanding among engineers. Since its founding in 1904, at the University of Illinois, it has formed sixty-two chapters at colleges and universities including the Gamma Delta Chapter founded in 1951, at Worcester Tech.

Membership in Gamma Delta Chapter is extended to those Seniors in the upper third of the senior class and those Juniors in the upper fourth of the junior class who have shown both ability and promise in the field of electrical engineering



and who have shown interest in their school through student activities. The "Bridge", symbol of Eta Kappa Nu, is carried by students elected to membership throughout their pledge-ship. New members are selected twice each year.

Eta Kappa Nu is not only interested in advancing the Electrical Engineering profession, but it also seeks to serve Worcester Tech. Some of its many projects are proctoring the Electrical Engineering Department's library, organizing interesting displays in the E.E. building for Parents' Day, conducting tours of the E.E. Department and any services to foster a closer relationship between students and faculty.



*Seated:* R. Freeman, R. Nelson, J. Calzone, J. Carpentiere. *Standing:* B. Woodford, J. Lewis, J. Ryerson, R. Herrick, W. Fado.

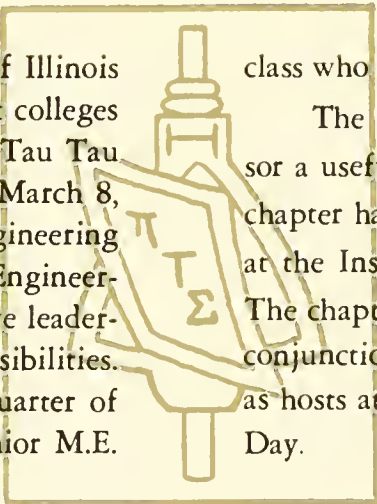


# PI TAU SIGMA



<i>President</i> .....	Frank A. Verprauskas
<i>Vice President</i> .....	Richard P. Kosky
<i>Recording Secretary</i> .....	Rimantas A. Zidziunas
<i>Corresponding Secretary</i> .....	Joseph W. Sullivan
<i>Treasurer</i> .....	Robert R. Hale

Pi Tau Sigma was organized at the University of Illinois in 1915, and has since grown to include 71 chapters at colleges and universities throughout the country. The W.P.I. Tau Tau chapter was formally installed at Worcester Tech on March 8, 1959. Pi Tau Sigma is dedicated to furthering the engineering profession and developing in students of Mechanical Engineering the high ideals and attributes necessary for effective leadership and the assumption of professional responsibilities. Members are chosen from those men in the upper quarter of the Junior M.E. class and the upper third of the Senior M.E.



class who show engineering ability and exemplary character. The yearly goal of each Pi Tau Sigma chapter is to sponsor a useful project on campus. This year the W.P.I. Tau Tau chapter has compiled a complete list of all periodicals received at the Institute, and published it for use throughout campus. The chapter also gave slide rule instructions to the freshmen in conjunction with other honor societies on campus and acted as hosts at the M.E. department display during Spring Parents' Day.



*Seated:* R. Frederico, R. Dufries, R. Hale, F. Verprauskus, R. Kosky, R. Zidziunas, J. Sullivan, A. Jalil. *Standing:* S. Osterling, J. Forand, W. Pierce, W. Anthony, B. Simmon, F. Eitel, E. Weber, B. Booker.





# CIVIL ENGINEERING HONOR SOCIETY

<i>President</i> .....	James Kachadorian
<i>Vice President</i> .....	Charles W. Mello
<i>Secretary</i> .....	Douglass D. Gladstone
<i>Treasurer</i> .....	Robert R. Beaudry

Realizing the need for a society to honor the outstanding members of the civil engineering department, several students and faculty members decided to act and in the spring of 1959, the Civil Engineering Honor Society of Worcester Polytechnic Institute was formed.

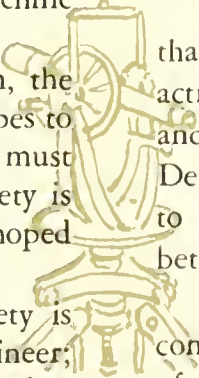
The Society is directly patterned after Chi Epsilon, the national civil engineering honor society, with which it hopes to be associated. Chi Epsilon's rules state that a local chapter must exist for at least one year. At the present time, the Society is petitioning to become a chapter of Chi Epsilon and it is hoped that this will be realized in the spring of 1961.

Membership in the Civil Engineering Honor Society is based on the four primary requirements of a successful engineer; Scholarship, Character, Practicality and Sociability. Undergraduates must rank in the upper fourth of their civil engineering class, and in the upper third of their entire class. Graduate

students are eligible for membership provided that they have shown outstanding ability in graduate school and have completed one third of the required curriculum.

The aims of the Society are to encourage any movement that will advance the best interest of the engineering education, actively support and, where necessary, to institute procedures and practices for the improvement of the Civil Engineering Department here at Tech and to contribute in any way possible to the civil engineering profession as an instrument for the betterment of the society.

A few activities of the Society during the year include conducting freshmen orientation classes, furthering the work of the American Society of Civil Engineers Student Chapter, and the opening of the civil engineering library in the evenings for the benefit of the civil engineering students.



*Front Row:* D. Dow, R. Hosmer, S. Wilson, M. Rafferty, W. Hayes. *Second Row:* D. Gladstone, C. Mello, P. Rowe, L. Greene, J. Kachadorian. *Back Row:* D. Luoma, P. Sharon, R. Carlson, R. Beaudry, J. Powers.



# DISTINGUISHED MILITARY STUDENTS

Each year the R.O.T.C. Department of Worcester Tech recognizes the outstanding seniors of the Advanced Course by designating them as Distinguished Military Students. The selections are based on leadership traits and moral character as well as military aptitude. A DMS must also rank in the upper half of his class, participate in campus activities, and be in the top quarter of his class in summer camp.

In the latter part of his junior year a candidate is given the official designation of Tentative DMS. The final selections are made after rating from Ft. Gordon Signal Training Camp

and Ft. Belvoir Engineering Training Camp are received. Recipients of this honor are authorized to wear the DMS Badge.

Upon graduation a DMS may receive a Regular Army commission if he desires it. This is the real advantage gained by the DMS. His commission is the same as that received by a graduate of the United States Military Academy at West Point. As such, it frequently has a favorable influence on his assignments, the schools he is permitted to attend and in general, his army career as a whole.



*Front Row:* J. Carpentiere, M. Keegan, J. Gabarro, R. Adler, H. Christopher, W. Johnson, L. Green.  
*Second Row:* L. Hackett, W. Pillartz, J. Calzone, W. Eilcock, F. Verprauskus, A. Wedmore, R. Zidziunas. *Back Row:* C. Mello, T. O'Shea, A. Kamlet, A. Greene, S. Kazin, W. Anthony.







# SPORTS







*Standing:* Pete Martin, Whitey Lehtinen, Mo Rees, Stan Wilbur, Jay Kaminsky, *Seated:* Professor Arthur Knight, Faculty chairman, Professor Robert Pritchard, Professor Warren Zepp.

## W. P. I. A. A.



Bates wins the toss.

The Worcester Polytechnic Institute Athletic Association is the largest organization on the Hill since it includes all of the undergraduate body. Membership in this organization becomes automatic when one pays his thirty dollar activity tax, and the membership card entitles the holder to attend all of Tech's home athletic contests free of charge.

The governing body of the Athletic Association is the Athletic Council. Whereas, the Athletic Association consists of about one thousand members, the Athletic Council is composed only of ten members. This includes five undergraduates, three members of the faculty and two alumni representatives. Four of the undergraduates are elected by the student body (one from each class), and the fifth is an appointee of the President of the Institute.

Regular meetings of the Athletic Council are held three times a year for the purpose of deciding the award winners in various sports, electing managers, and discussing any other athletic problems that may arise. Although all the final decisions on major athletic problems come from the Administration and the Department of Physical Education, the Athletic Council conscientiously discusses all the problems which confront the Institute on athletics and acts as an advisory board in such matters.





Coach McNulty



*Standing:* Leo Jansson, Trainer; Merl Norcross, Frank Grant, Al King. *Seated:* Charles McNulty, Professor Pritchard.

## Physical Education and Hygiene

Tech's coaches are truly a remarkable group of men. This year, as in years past, they have again been successful in turning out teams which have come through with winning seasons against those of much larger schools. This is largely due to the spirit and drive instilled in our men by the coaching staff. Their long hours of hard work have benefited the team members, in terms of physical development, the spectators, in terms of entertainment, and the school as a whole in terms of publicity. For this we thank them.

The "Botch"



Pat Bisceglia checks stance.

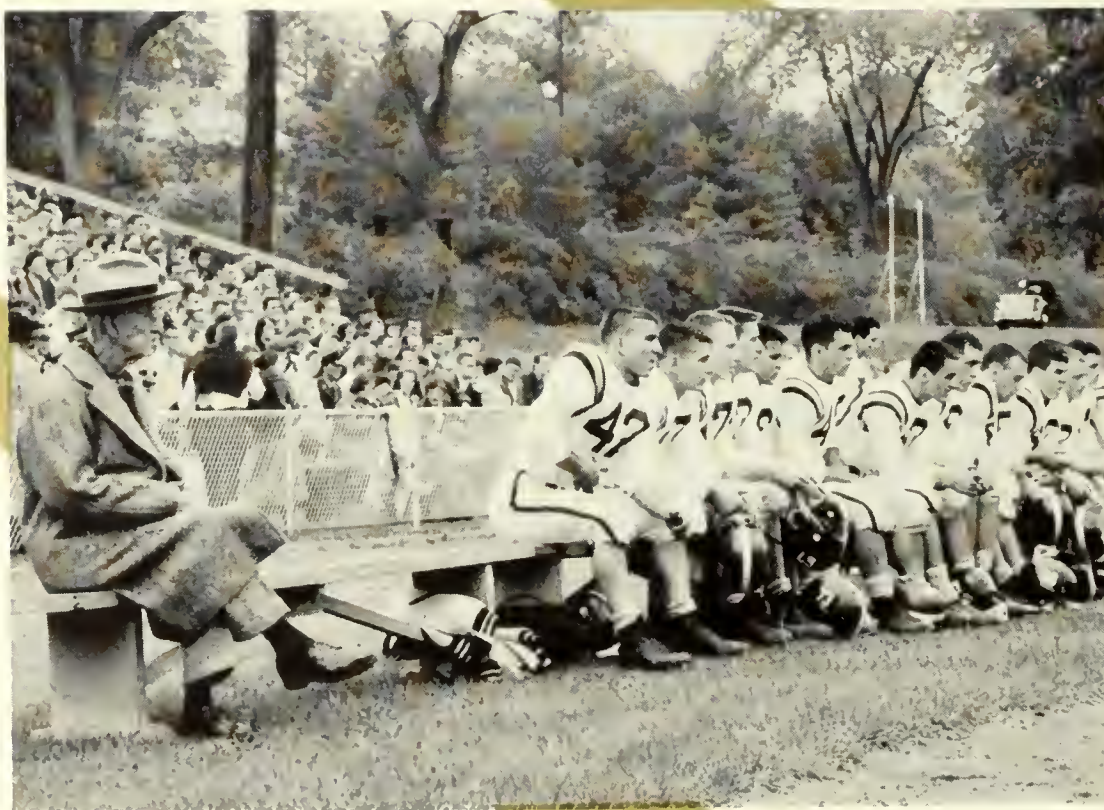
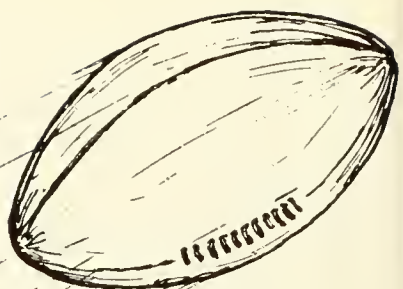








# FOOTBALL



Mr. Carpenter in his faithful vigil.



With the coming of the Labor Day weekend, the air above Alumni Field was once again filled with spiraling pigskins and exuberant shouts from the 1960 edition of the football team. As always, the squad had lost valuable stalwarts from the previous season and once again the coaching staff began the task of selecting replacements from a host of eager aspirants.

On September 17, the team traveled to Connecticut for a scrimmage with the University of Bridgeport. Though it was a miserable performance by the squad, the many mistakes and difficulties that were spotted provided a solid basis for the coaches to work from in their efforts to prepare the team for the rugged schedule to follow.

The following week, the Crimson and Gray opened the season against the Blue Devils from Central Connecticut State College. In one of the worst beginnings, possible, to an entire season, the team gave Connecticut a touchdown on the opening kickoff. The Engineers fought back fiercely and going into the last quarter the game was tied at 14-14. Two long passes in succession, however, gave two touchdowns and the game to Central Connecticut, 28-14.

The next Saturday, Tech made its bi-annual trip to Vermont to meet the Middlebury College eleven on its home field. For the fourth time in four years the Engineers lost a hotly contested game to the Panthers and again, were it not for costly penalties and untimely fumbles, they could have easily won. As it was, Middlebury staged a last minute rally to just barely pin a 14-7 defeat on the Engineers.

On Saturday, October 8, Tech was handed its third loss in as many starts by a surprisingly strong Bates team. It was a nip and tuck contest throughout, with outstanding line play on both sides. Bates scored first on a pass to an end who then lateraled to a halfback for a fifty yard touchdown run. Not to be outdone, the Engineers came back with their own razzle-

That sweet aroma.



That's using your head.



Front Row: Mike Littizzio, Bob Grenier, George Yule, Jack Pisinski, Co-captain Mo Rees, Co-captain Paul Sledzik, Fred Duval, Bill Calder, Ralph Johanson, Ken Olson. Second Row: Dan Gorman, Dick Dominguez, Will Goodwin, Bob McIntosh, Les Cornell, Paul Engstrom, Paul Sharon,

Les Hart, Tony Biancanello, Pete Martin, Jack Ridick, Bob Maynard. Third Row: "Spider" Vittas, Jeff Smith, Paul Vajcovec, Stan Szymanski, Len Kulles, Dick Ryczek, Bill Shields, Art Bodwell, Bill Zinno, Jay Kaminsky, Maurice Silvestris, Ron Rustigian.



dazzle in the form of the Shebeck Option. Littizio, the flanking halfback, took a direct pass from the quarterback, faked a run and then tossed a pass to Johansson who was cutting across the field. Ralph took the ball on the Bates thirty and sprinted across for the six points. Tech failed to make the conversion, however, and lost a hard fought game, 7-6.

With a dismal record of 0-3 behind them, the team traveled to Middletown to meet the Cardinals of Wesleyan University. It was believed by many that this was to be one of the team's tougher games and in turn the members of the squad worked long and hard through the preceeding week for a victory on the coming Saturday. The Tech line played a fierce game, time and again preventing Wesleyan from making any threat. Had it not been for some offensive lapses at crucial moments, the game would easily have been a victory. It wasn't until the final period was half way over that a taller Wesleyan halfback was able to outreach Mike Littizzio for a pass that resulted in a touchdown and the fourth straight defeat for Tech, 8-0.

Homecoming Day, October 22, saw the Tech team gamely try to gain their first win of the season against a strong squad from the Coast Guard Academy. Though the Bear's ground game was effectively curtailed by a strong Worcester defense, the Boynton Hillers could not stop the deluge of Coast Guard aerials that lead to another defeat, 26-18. It was a well played and hard fought game for the team and indeed a bitter pill to swallow.

The fortunes finally turned for our football warriors when they played RPI at Rensselaer on October 29. It was a day which saw all of Tech's pent-up desires, power and disappointments released in one frantic and vengeful half. Losing by seven points at the halftime, the team came back like a tornado to overwhelm the hapless opposition and gain an easy 27-7 victory.

Saturday, November 5, the Engineers played host to the cadets from Norwich University before a large Parents Day crowd. The game was a great exhibition of the defensive prowess of the Tech line as they made it most difficult for the Cadets to move on the ground. However, untimely fumbles and penalties gave Norwich the ball in many favorable situations and they managed to capitalize on some of the Tech errors to score thirteen points and defeat Tech, in its last game, 13-0.

The 1-6 record of the season gives no indication of the ability of the men wearing the Crimson and Gray, nor of the spirit they possessed. Losers in the final score they may have been, but champions throughout they definitely were.



The play we didn't use.



The play that hurt us.



The play that made us.





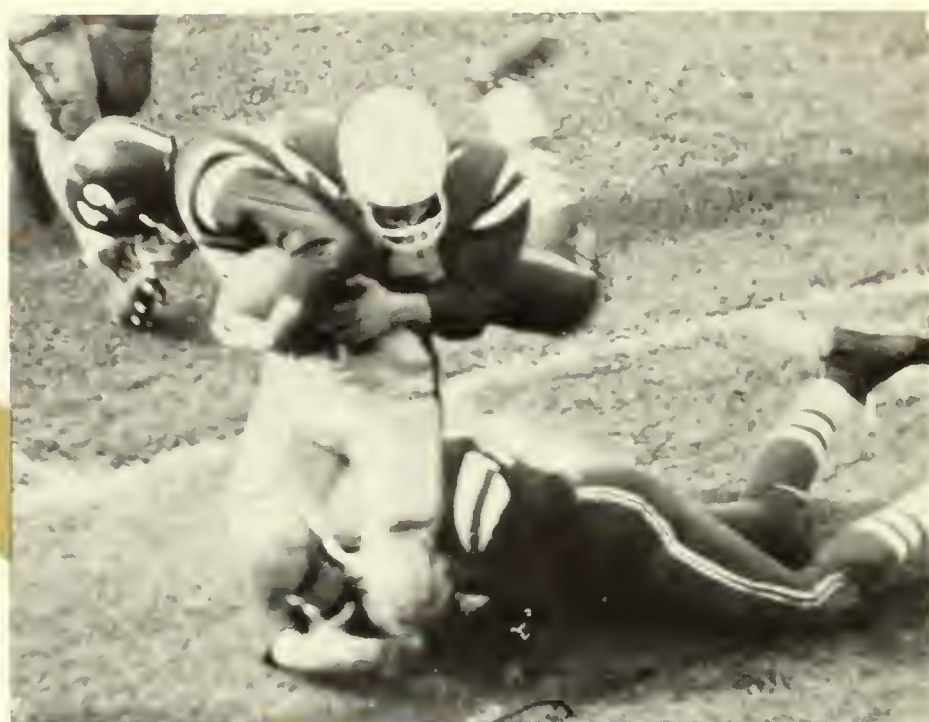
"If at first you don't succeed . . .



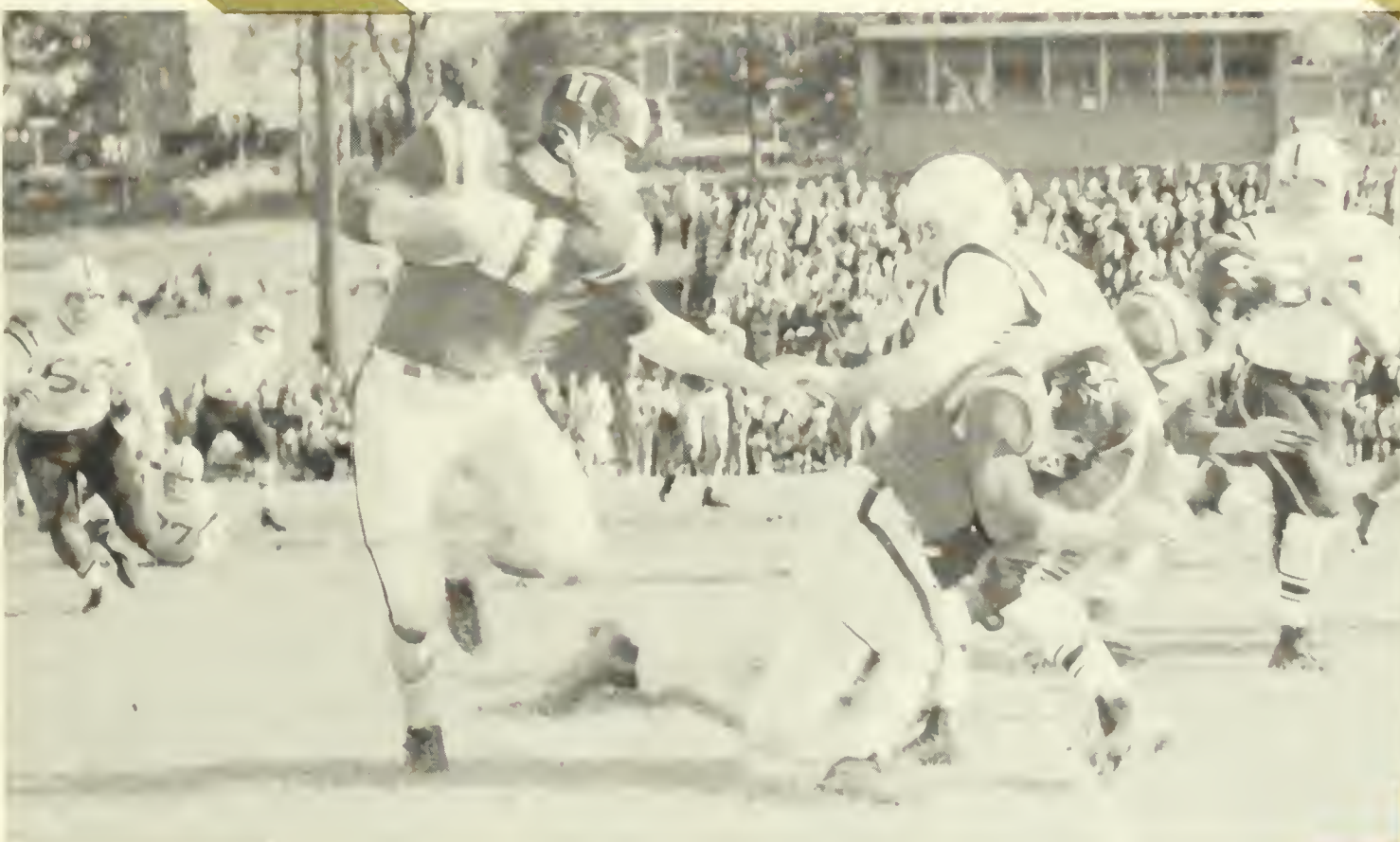
Fred Duval



You're out of step, number 11.



Grenier steals the ball.



. . . try, try again."



Bob Grenier





Co-Capt. Paul Sledzik



"Heads or tails?"



"Moving in to polish off the prey."



"Can't get anyplace in these crowds."



Bill Calder

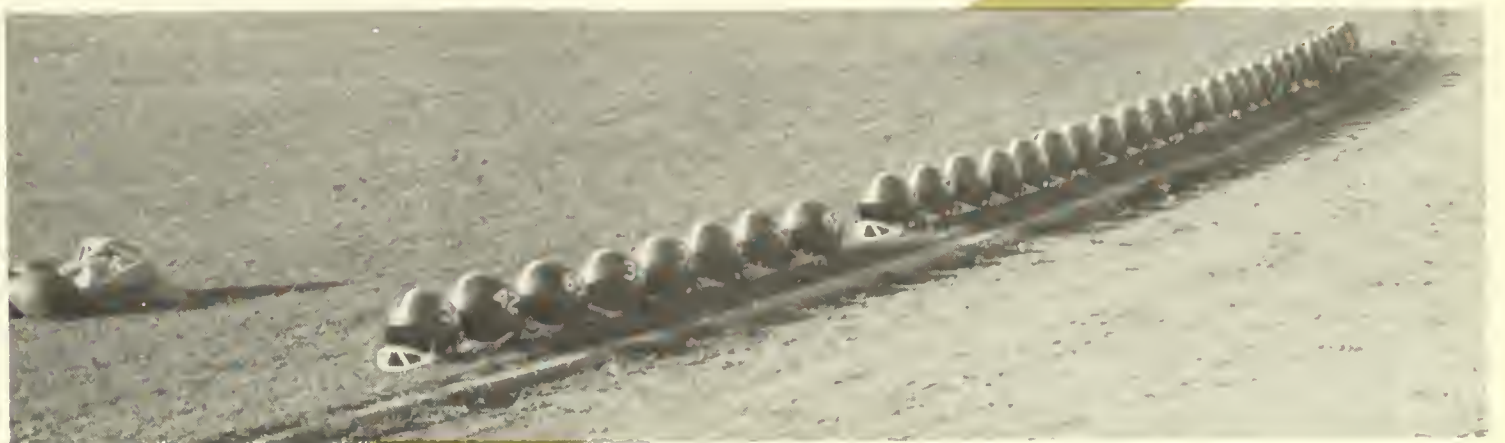




Co-Capt. Mo Rees



"Mo Rees getting those extra yards."



"We lost our heads in practice."



"Mo at his specialty."



George Yule



Mike Littizzio



Littizzio vs. Bates



Dropped for a loss.



Littizzio shakes off a tackler.



Ralph Johanson







Jack Pisinski and Ken Olson



69 runs out of support.



5 to 1 he doesn't.

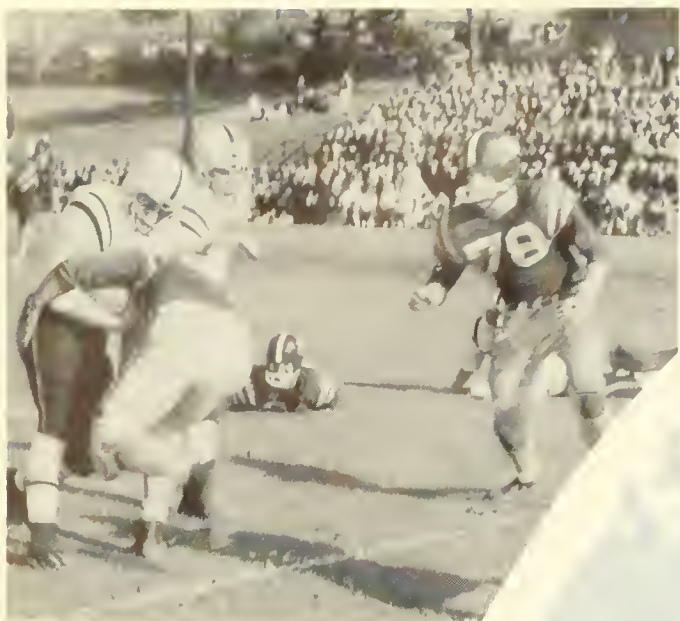


Bob Maynard



Hang on Ralph, help is coming.





Head-on attack

#### Graduating Seniors

George Yule  
Fred Duval  
Bill Calder  
Mo Rees  
Paul Sledzik



Never Give Up!



Grenier over for the TD.





*Front Row:* Bob Najaka, John Quagliaroli, Ray Zidziunas, Co-Captain Swang Lee-Aphon, Co-Captain Dick Mixer, Dave Sorenson, George Forsberg, Carl Borden. *Second Row:* Pete Williamson, Jim Clark, John Grocki, John Meregian, John Rupprecht, Dave Goodman, Steve Osterling, Chuck Belanger. *Third Row:* Coach Alan King, Bob Frennette, Steve Churchill, Dan Pender, Harold Taylor, Harvey Sem-

prebon, Don Smith, Dick Downe, Assistant Coach Jim MacKechnie. *Fourth Row:* John Ganley, Dick Wagner, Steve Mozden, Neal Alderman, Doug Hine, John Camera, Dick Case, Chuck Zisch. *Back Row:* Kurt Anderson, Jim Gaffney, John McGuire, Art Greene, Assistant Manager Ed Weber, Homer Belanger, Stan Andrysiak, Bob Scronic.

## SOCCER

This was a year to remember as far as soccer goes at Worcester Tech. How else can you say it when a team produces the best school record in thirty-five years? Their 7-2-1 record is partly explained by the fact that in Alan King and Jim MacKechnie W.P.I. has two very able soccer coaches. The other part is that this year Tech had the skill and experience of several top-notch players. While it is fitting to mention that Swang Lee-Aphon received All-American Honorable Mention and was selected to the first All-New England Team, and that Bob Clark and Charlie Mixer were selected for the second All-New England Team and All-New England Honorable Mention respectively, it must be remembered that this was not a team of super-stars. Many times during the season it was only the cooperation and spirit of the team as a whole that kept them going.

For two years in a row now Tech has lost its opening game to M.I.T. This time by a 3-2 score. However, this one and a 4-0 loss to the eastern powerhouse of Trinity, were to be Tech's only set-backs of the year. Now on the upward swing, Tech played possibly its best game against a heavily-favored Coast Guard team. Throughout regulation play and a double overtime neither team was able to break through the others sterling defense.

The story of the rest of the season is indeed an excellent one. To the players who will go at it again next year, and



Dick Mixer bringing the ball up field.





Whomp!



Tufts vs. Tech



Putting "English" on the ball.



Tech shows its versatility.

especially to the departing seniors, these facts may bring back the memories of a great soccer season. The relatively easy 3-0 victory over A.I.C.; the cross city trip to Clark where the boys in red and white didn't quite have it; the rough and tough game with the University of Massachusetts where they played push instead of soccer; the 3-0 win over Lowell Tech men who couldn't quite get organized; the thrilling comeback victory over Tufts for Homecoming; the game in which we beat that "big" Boston University team 4-2; the final 4-1 victory over Hartford University in a game which was out of their reach in the first period.

All in all, it was a tremendous season and next years team will really have to work to better or even equal this years record.



# Worcester Tech's All American

## Swang Lee-Alphon

Much of the increased popularity of soccer at Tech is due to Swang Lee-Alphon, both thru his valuable play and his nomination as All-American this year.

Swang, born in Thailand where soccer is very popular, first kicked a soccerball barefoot, much as American kids first catch a baseball barehanded. At high school age he attended the Bedstone School in England where he cultivated his soccer skill further. He entered Tech when he was nineteen and, ironically, contracted Asiatic Flu, preventing him from playing soccer that year. He earned his varsity letter in tennis that year, and has been a letter earner in both sports since.

Not a scorer, Swang showed his All-American caliber in his teamwork and assist plays. As he modestly adds, spirited teammates and fine coaching are the necessary factors for a successful season.



Faked out!



Swang Lee-Alphon



Swang waits for B.U.'s boot.



# CROSS COUNTRY



*First Row: Dave Monks, Paul Keating, John Bradley, Hank Schroeder, Co-Captain Joe Carpentiere, Co-Captain Tom Pantages, Carmine Carosella, Roger Flood, Roger Maddocks. Second Row: Assistant Coach Dave Sullivan, Pete Fenner, Jim Casey, Terry Briggs, John Apostolos, Dick Cox, Bob Gowdy, Tom McGee, Manager Joe Sullivan.*

Under coach Frank Sanella's able guidance Tech's Cross Country team compiled a 4-5 record for the 1960 season, their best in over a decade. Considering the fact, that they lost their first meet by only one point and a later meet by three points, the team was really better than its record indicates and the season must certainly be termed a successful one. Assisting coach Sanella was graduate student Dave Sullivan, a former runner here at Tech. Dave did a fine job taking over as coach at meets which coach Sanella could not attend. Leadership was supplied by Co-captains Tom Pantages and Joe Carpentiere who, being the only two seniors, will be the only men not coming back next year. Junior Carmine Carosell was elected captain for the 1961 season. He will be back with sophomores Allen Hoffman, Roger Maddocks and Roger Flood along with freshmen Jerry McGee, Dave Monks, Kevin Casey, Paul Keating, John Apostolous, John Ryder, Dick Cox and John Bradley. McGee, who became the fastest man this year, backed up by Maddocks, Hoffman and Monks should form a backbone for next years squad.

The J.V. squad composed of freshmen and sophomores from the varsity had a 3-0 record. This strong performance by the underclassmen coupled with the fact that only two men will not be back indicates an even better season next year.



Co-Captains taking it easy.

Off to the races.



The charge up Boynton Hill.





NORTHLAND PRO





# BASKETBALL



*Standing:* Coach Charley McNulty, James Magoldi, James Daily, Hank Schroeder, Bill Shields, Stu Kazin, Manager. *Seated:* Bill Boila, Harry Rapelje, Dave Luoma, Al St. Germain, Co-Captain, Andy Eldeman, Roger Curtis, Paul Engstrom.

Soon after Thanksgiving, basketball becomes the topic of interest around the Tech campus with everyone's thoughts switching from the gridiron to the basketball court. Although the team has its problems, it possesses many valuable assets. It is guided by the able leadership of Charles McNulty. Throughout the years he has constantly provided Tech with a winning team. He has as his able assistant, junior varsity coach Merle Norcross.

Much of Tech's offense is built around the services of Co-Captain Al St. Germain. Playing from either the corner or the pivot, Al has proved himself a potent scorer and able rebounder. Along with Al will be Bob Schuessler, the other Co-Captain, who plays out of the corner. His deadly jump shot has always provided points in the clutch moments and he has been among the leaders in rebounding, often times against men of much greater height. The other big man will be six foot six Hank Schroeder. Although lacking experience, he did a fine job in his first year of Varsity competition.

Playing one of the guard spots will be Andy Edelman, who possesses as many fakes and moves as anyone in the game. He can do everything; shoot, rebound, dribble, play defense, etc. and has

very valuable experience. His presence in the lineup should help Tech tremendously. The other guard is Roger Curtis, whose constant ball-hawking has always given the fans a thrill. He possesses the ability to steal the ball at the crucial moment, thus breaking the game wide open.

Along with these starters, Coach McNulty has developed a strong, experienced bench. Harry Rapelje and Dave Luoma possess good scoring potential, and along with Paul Engstrom are in their second Varsity season at school. They are assisted by Jim Daley, Jim Magaldi, Bill Borla and a freshman Billy Schields. Tech also has a very exceptional Freshman Class, from which Merle Norcross has considerable talent to work with.

With Tech's obvious lack of height, they often must rely on shooting alone for their victories. Thus they often get into tight hard-played contests. It is then that the tremendous speed of Curtis, Edelman and Borla pays off, as they are often called upon to apply a press in the latter stages of many games. This, combined with the scoring of the big men "up front" usually accounts for victories. These are the factors that Coach McNulty is counting upon to provide Tech with a successful basketball season.





Bob Schuessler



Is it in?



Well Mac, like I've been telling you . . .



Don't be half safe.



Shall we dance.



Al St. Germain





Andy Edleman



Easy layup.



Be nice up there.



Roger Curtis





Dave Luoma



Luoma dribbles



Hank jumps



Luoma shoots



Hank looks?



Hank Schroeder





Harry Rapelje



Muscles under the board.



Watch the camera "Bob".



# J. V.



*Back Row, left to right: M. Norcross (Coach), D. Wait, W. Lankau, J. Anderson, G. Hurst, J. Lundgren, S. Skola. First Row, left to right: B. Ochieano, R. Riveles, G. Coram, R. Keirstead, D. Helming, D. Larrabee.*



*Don't just stand there . . .*



# HOCKEY



Left to Right: Co-Captain Dave Carlson; President Al Andrews; Co-Captain Brad Hosmer.

The Worcester Tech Hockey Club, now in its seventh successful season, promises to be one of the best that Tech has seen to date. This year's fast-hustling team will be slap-shotting its way to victory under the able assistance of its new coach Professor Herbert Yankee. Professor Yankee's valuable information has been passed on to the players and it may become a decisive factor in the outcome of the season. Co-Captains Brad Hosmer and Dave Carlson have inspired their team during practise sessions and the many crucial moments which have arisen during the games.

A tight schedule has been proposed for the club against such college teams as Nichols, Dean, Worcester Junior, M.I.T., Holy Cross, Wesleyan, Assumption, and Fitchburg State Teachers College. A total of fourteen games will keep the team skating throughout the season.

The scoring columns will be led by Roger Flood, a Sophomore, whose frequent lamplighters will markedly increase Tech's score. The first line consists of Rog Flood, Ralph



"Lying down on the job."

Smith and Brad Hosmer; the second is comprised of Bo Kuehn, Al Andrews and Dave Carlson alternating with Tommy Modzelewski and Del Kimball, two promising freshmen. These two lines will keep the red light blinking during the entire season. The defensive positions form the solid backbone of the team with Neil Chiavaroli and Pat Williamson alternating with Bill Elliot another up-and-coming freshman. Their rugged checking and maneuverability will break up many scoring threats. The team would be incomplete without Bill Krein, the club's able cageman. Bill has shown outstanding goaltending thus far this year and promises to do equally as well during the remainder of the season.

Prospects for the coming year are great, as only four seniors will be lost due to graduation. The goal, defense, and the forward lines will be filled with seasoned veterans in the year to come. The W.P.I. Hockey Club hopes that, through its efforts this year, it may become a varsity sport.



First Row: A. Andrews, R. Flood, R. Smith, B. Hosmer, W. Krein, D. Carlson, W. Elliot, W. Roach, D. Root, C. Carosella. Second Row: D. McCaffrey, D. Kimball, T. Hopper, J. Matteus, T. Modzelewski, M. Penti, N. Chiavaroli, B. Kuehn, P. Williamson.



Forget something???



"Excuse me, please."

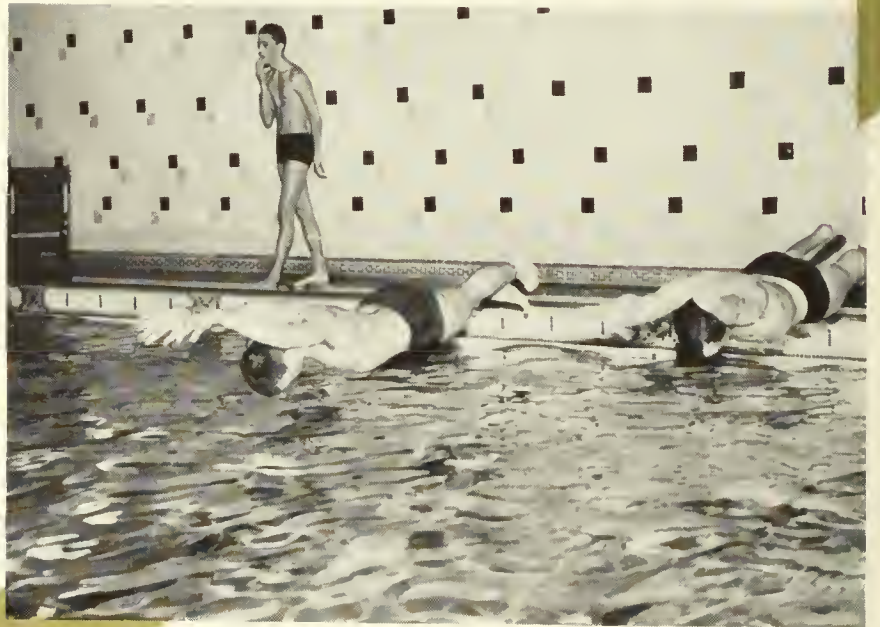
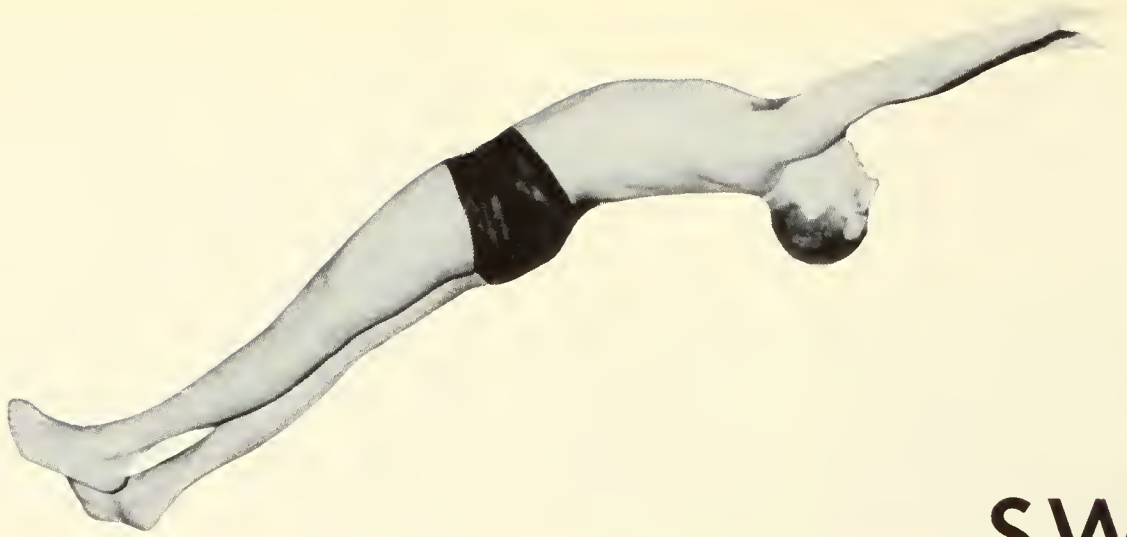
Stopped by Hosmer.



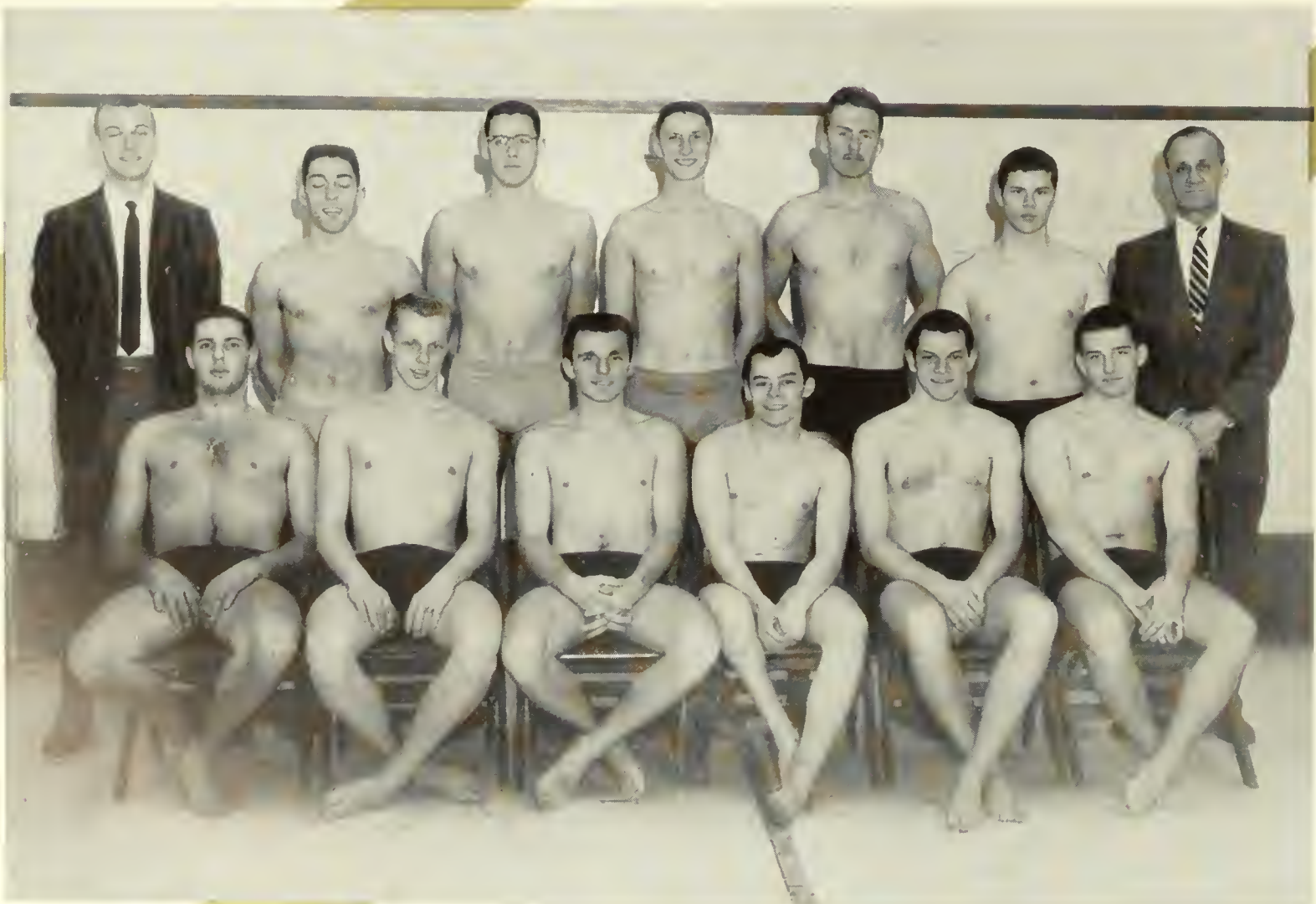
A loose puck.



# SWIM



Dan Pender, Phil O'Reilly



*Standing:* George Foxhall, Manager, Glen Theodore, Bob Rounds, Dick Dann, Steve Randlett, Don Tassone, Frank Grant, Coach. *Seated:* Tom Lippman, Kurt Eigenbrod, Jim Quirk, Phil O'Reilly, Captain; Roger Read, Roger Carlson.



# MING



Glub, Glub



Another year, another season! Another season and Frank Grant retires to his pool suite and watches the new young porpoises frolicking under the New England sunshine. But this northern South Sea Isle is not necessarily paradise. It is here in this suite that a careful and experienced eye watches, criticizes and trains the Worcester Tech swimming team. The porpoises are the Tech swimmers and the coach is Frank Grant. Frank has had many seasons with W.P.I. — many great ones; some poor ones. The past year has been filled with much hard work, much spirit and enthusiasm and many rewarding times. Tech has once again made the winning column. In 1960 W.P.I.

finished the season with only one win and seven defeats.

This year Captain Phil O'Reilly's team stands at three wins and two defeats. Phil swims the 220 yard and the 440 yard freestyle along with Dan Pender and Bob Rounds. Phil Parmenter, Ralph Johanson and Jim Quirk hold down the breast-stroke berths. They also round out the medley relay and the individual medley. Now a turn over on our backs we see Rodger Carlson holding the number one position: Right behind him come Dick Dann and Bill Properzio. And then we finish the meet with the freestyle relay of Kurt Eigenbrod, Steve Randlett, Glenn Theodore and Bob Rounds.



# WRESTLING



*Fourth Row, left to right:* L. Hull, W. Swanson, R. Cox, J. Ryder, P. Fenner, C. Menzigian. *Third Row:* D. Eldridge (Assistant Manager), T. Spargo, C. Lombardo, B. Drear, B. Wilder, F. Kennedy (Assistant Manager). *Second Row:*

R. Winans (Assistant Manager), B. Murphy, S. Szymanski, B. Curry, J. Corvini, R. McIntosh. *First Row:* J. Lewis, F. Marra, R. Scott (Coach), C. Mello and M. Reese (Co-Captains).

As the sport most rapidly gaining in popularity and participation, wrestling has come a long way in four years. In 1957 the Wrestling Club was little more than the frevent hope of Coach Ray Scott and this year's Co-Captain Moe Rees. Starting out with but little support and a few old mats, the original members of the Club didn't have very much on which to base their hopes. That first year the members of the Club did little more than practice holds and participate in three informal meets.

The following year a partial schedule was worked out with other schools having wrestling as an established sport; with the outcome of the Club's final record not being very impressive. However, that year the Club was admitted to the New England Intercollegiate Wrestling Association.



You figure this one out!



Okay let's try this one again.

The season of 1959-1960 finally had the Wrestling Club nearing its goal and coming into its own. That season the Club had a full schedule of nine meets with teams of both varsity and non-varsity caliber. The record for the season was three wins, five losses, and one tie. The Club also supported three of its wrestlers by sending them to the N.E.I.W.A. Tournament, at which Co-Captain Rees placed third in his weight class.

The 1960-1961 season promises, at the present time, to be an even more eventful one for the matmen. To date they have a record of three wins and one tie with the rest of the nine meet schedule promising to hold true to present form.

The Wrestling Club of 1960-1961 and its performance is a far cry from that same Club in 1957.





Co-Capt. Charley Mello



What's so interesting down there, ref?



Co-Capt. Mo Rees



Your move.



"UNNNGH"



Cheer up boys, you can't win them all.



Let's rest, I'm bushed.



# RELAY



Left to right: F. Sannella, (Coach), G. McGee, J. Goslin, A. Hoffman, D. Prosser, D. Monks, J. Apostolos, J. Carpentiere, J. Bradley.

The Relay or Indoor Track Team, is a part of the W.P.I. Track Team. It usually takes part in three meets a year. A practice meet at the Y.M.C.A. in Boston and the Boston Athletic Association, and The Knights of Columbus meets at the Boston Garden. The latter two present keen competition with such teams as Tufts, Holy Cross, Brown, Boston University and Boston College entering. This year W.P.I. finished third in the mile relay at the K. of C. meet.

The one mile relay team consists of Captain Dave Prosser, Joe Carpentiere, Dave Monks and John Apostolos. There is also for the first time, an experimental two mile team, consisting of Al Hoffman, Jerry McGee, John Bradley and John Gosling. The team has high hopes for next year, with promising freshmen Monks, McGee, Apostolos along with Prosser who is presently a Junior.



Co-Capts. Dave Prosser and Joe Carpentiere



Don't look so happy, this is suppose to be work.









*Front Row:* Dave Johnson, Ken Varidion, Ray Abraham, Ron Pokraka, "Buster" Bullock, Whitey Lehtinen. *Second Row:* Bob McIntosh, Dave Luoma, Roger Curtis, Al St. Germain, Fred Duval, Ed Altieri, Harry Rapelje, Pat William-

*son. Third Row:* Manager Al Novaco, Mike Littizzio, Fred Molinari, Les Hart, Bill Dowdell, Steve Otis, Larry Torchia, Coach Charley McNulty.

## BASEBALL

About the time that the snow leaves the ground, that the robins again head north, and that the Physics Department tries to decide how high they must scale the marks — baseballs are again seen flying about Alumni Field. The mighty fence is once again ringed around the hilly outfield, the bleachers are repaired of winteritis, and the batting cage is once again taken out of the mothballs.

However, a fixture in centerfield for the last four years will be missing this year — Co-Captain Ray Abraham, who led the team in hitting at .469. After playing as a regular in the outfield throughout his Worcester Tech career, Ray knew every nook and cranny of the hills of Boynton. Incidentally, Ray had such a great year at bat and in the field that he attracted quite a few scouts which culminated in a tryout with the Washington Senators, quite an achievement for a small college baseball player.

Flanking Ray in the outfield were robust-hitting Dave, Johnson and speedy Fred Molinari. Dave, playing his last



Coach McNulty



Fred Duval





Doctor Livingston. I presume?

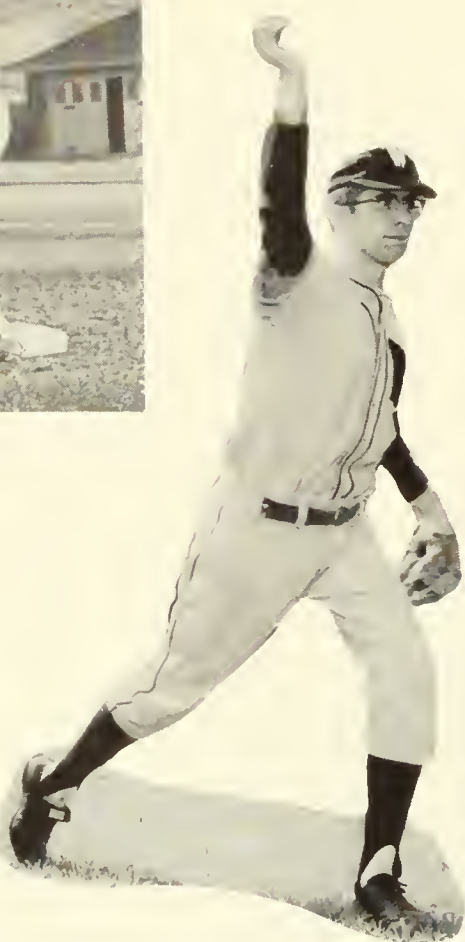


The bench in action.





Who takes chances?



Al St. Germain



Roger Curtis

year as clean-up hitter was depended upon for the long ball. While Fred, starting in his first year, did very well by slamming the ball at a better than .300 clip.

Looking down into pitcher's dreamland — the bullpen — one cannot mistake the tall, lanky figure of the Saint, Al St. Germain warming up. Al, along with Whitey Lehtinen and Harry Rapelje, will once again be around to show opposing batters that they mean business. However, they won't be "chucking" to their old familiar battery-mate Co-Captain Ron Pokraka. Some other teams never did find home plate with Ron there to guard it.

Our veteran infield combination will once again be there to make the sparkling plays. Headed by Captain-designate Fred Duval, the team is not lacking a classy first-baseman who very nearly always puts fear into opposing pitchers when he swings that Louisville Slugger of his.

Getting together for the double play is Roger Curtis and Dave Luoma. Speed such as this has completely done away with any worries "Mac" might have had. Watching these two lead the batting order certainly is a treat to Tech fans, for one or both are seemingly forever on the basepaths.

All in all success on the diamond for such a determined foray is all but assured, for teamwork plus individual accomplishment runs high. Pity and sympathy may well be felt for those who run aground against the Engineers.



On his way home.



Dave Luoma





Fred Molinari



Keep them coming.



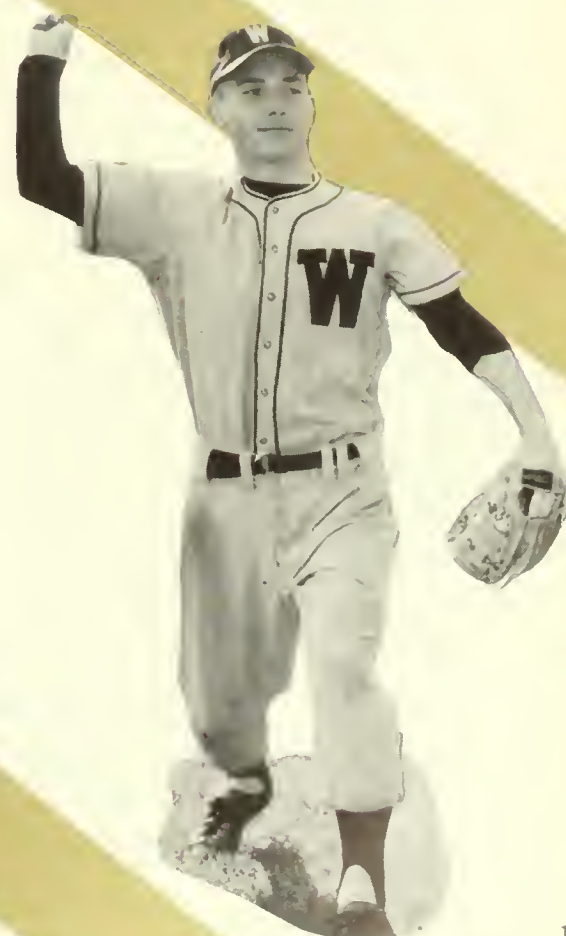
Luoma tees off.



Whitey Lehtinen



Al St. Germain is safe at third.



Ed Altieri





Front Row: John Meregian, Tom Pantages, Leon Gazoorian, Murray Elowitz, Harry Ray, Joe Carpentiere, Dave Prosser, Moe Rees, Bill Shepherd. Second Row: Jack Gosling, Charles Goddard, Al Irelan, Ralph Johanson, Bill Calder, Rudy Leistriz, Pete Ong, Roland Kuehn, Bob Gowdy. Third Row: Gil Norton, Jack Slovak,

Bob Maynard, Bob Curry, Joe Freeman, Maucel Clavien, Al Hoffman, Bill Lewis, Stan Belcinski. Fourth Row: Roger Maddocks, Paul Ulcickas, Bill Zinno, Al Roberts, Bob Elton, Jack McGrath, Ed Hanna, Roger Flood, Steve Mozden. Fifth Row: Ed Powers, Dave Sullivan, Coach Merl Norcross.

## TRACK

More than making up for last years losses of Harry Ray and Murray Ellowitz, the spring of '61 finds such outstanding freshmen as John Czarnicki and Gerry Magee as well as other outstanding new frosh in the Track Team ranks. This factor, coupled with last years record of two wins and three losses in dual meets, could mean a winning season this year. This prediction of a winning season depends mainly on the fact that John McGrath, the teams high scorer last year, will return for the second semester. John averaged over eleven points per meet during the regular season last year.

This spring the team will be headed by Captain Dave Prosser and twelve returning lettermen. The only thing that could make coach Merl Norcross happier than a veteran team returning is a winning season. Merl inspires a sense of sportsmanship, good humor and pride in his team. With a lot of hard work and as a result of Merl's coaching, the team should forge on to victory. Men like Dave Prosser, Jack McGrath, Bill Calder, Jack Pisinski and Lee Gazoorian, just to name a few, should make Merl's hopes come true.

### 1960 SEASON

Won — 2

Lost — 3

W.P.I. 41 .....	Coast Guard 85
W.P.I. 63 .....	Brandeis 62
W.P.I. 86½ .....	Norwich 38½
W.P.I. 46 .....	Trinity 79
W.P.I. 36 .....	Central Conn. 90

Pisinski puts one way out.



Co-Capt. Prosser





Lee takes to the air.



Ireland into orbit.



And they're off.

Co-Capt. Rees leads the charge.



Getting into shape.







*Front Row:* Andy Milowicki, Kevin Burke, Ara Tutunjian, Paul Sledzik, Skip Warr, Brad Hosmer. *Second Row:* Ted Stone, Bruce Willbandt, Bruce Simmon, Dave Norton, Drake Chisholm, John Powers, Ross Heald. *Third Row:*

Ken Olson, "Spider" Vittas, Red Parmelee, Bill Allanach, Jack Corvini, Art Ross, Hank Allesio. *Fourth Row:* Coach David Krashes, Don Dow, Paul Bayliss, Jim Kachadoorian.

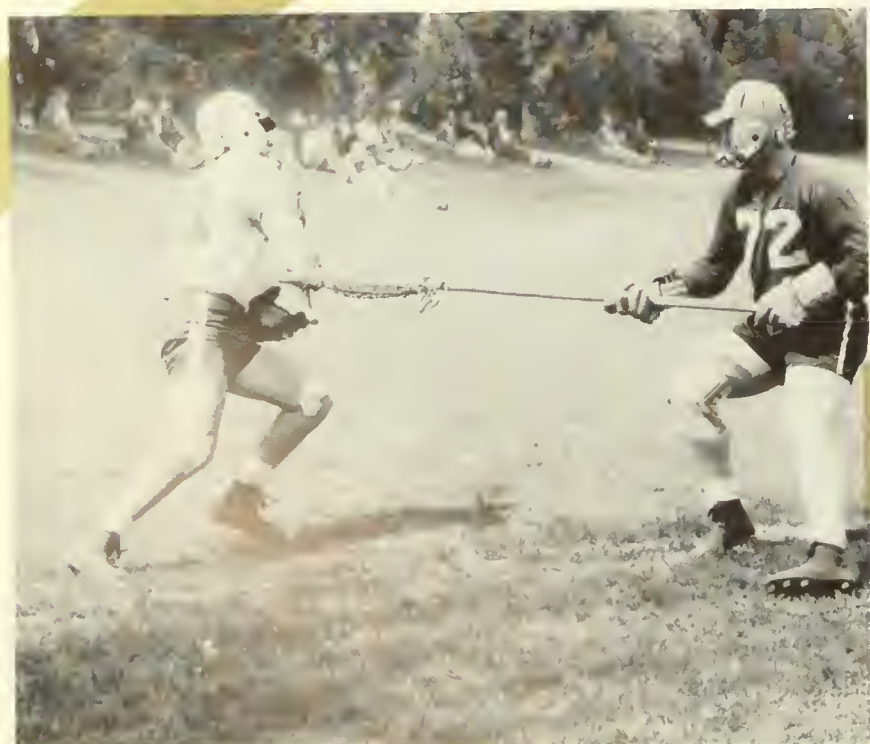
## LACROSSE

Each spring, before the snow is off the ground, Tech's Lacrosse Team journeys forth to practice for another season. Both the "newcomers" (freshmen) and the "old men" (upper-classmen) seem to hold interest in this sport. Called by many the fastest game on foot, it is an excellent spectator sport, with both the action of the game and the type of weather contributing to this end.

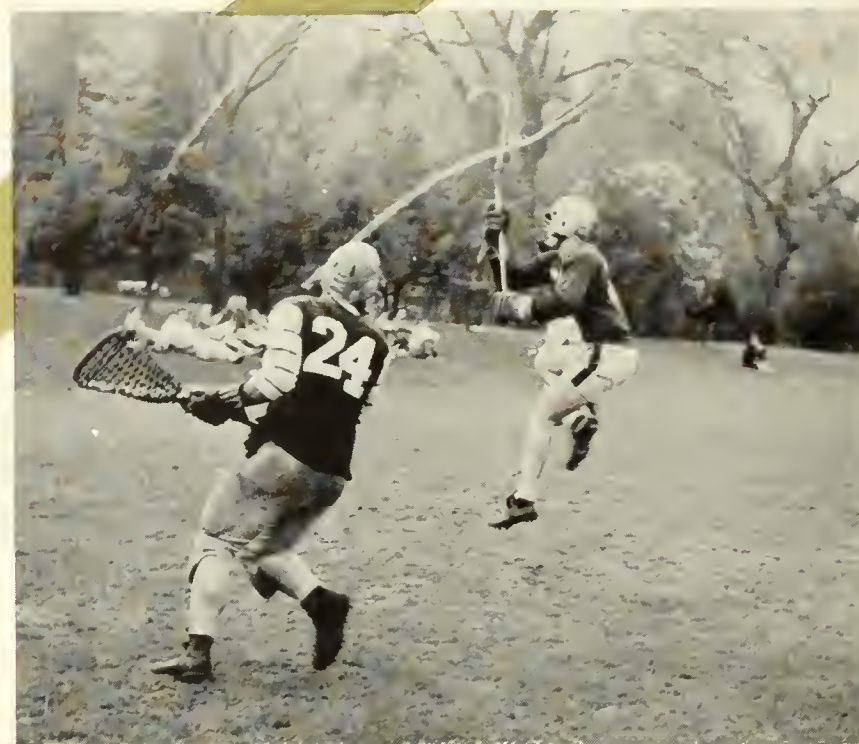
Last year, as most people know, was definitely not a successful season for the Lacrosse Team. Although they possessed and showed both spirit and ability initially, they were unable to maintain this throughout the season. Co-captains Ara Tuntunjian and Kevin Burke tried hard to lead the team

to victory, but fell short of their goal. Coach Dave Krashes spent a great deal of time concentrating on building a team for the future but was forced to resign at the end of the season because of his heavy academic load.

Appointed to fill his position for the 1961 season is Coach Allen King, who hopes to improve the team by concentrating on the basic fundamentals of the game. He'll have such veterans as Brad Hosmer, Ralph Smith, Dave Norton, Ros Heald, Skip Warr, and countless others to work with. Thus, the experienced players coupled with the determination of a new coach should make for an improved Lacrosse Team in 1961.



On guard!



Great save





To the rescue.



They're off!



In the spotlight.



Lost ball



The dust flies



Despite bad weather conditions which kept the tennis team from having any early outdoor practice sessions, the 1960 squad chalked up the first winning record in the past three years. The only losses of the eight-game season were to Trinity, Holy Cross and Clark.

This coming season, the team is as strong as last year's, with no one lost through graduation. Returning lettermen are Captain Dick Cohen, Swang Lee-Aphon, Dick Mixer, Ken Homon, Albie Andrews and Charlie Piex. Last year's records for the singles men were: Cohen, 5-3; Lee-Aphon, 5-3; Andrews, 4-3; Homon, 4-4; Piex, 5-2; and Ealand, 3-4. The added experience of the 1961 squad, plus the addition of several good freshman players, should make this seven-game season the best yet.

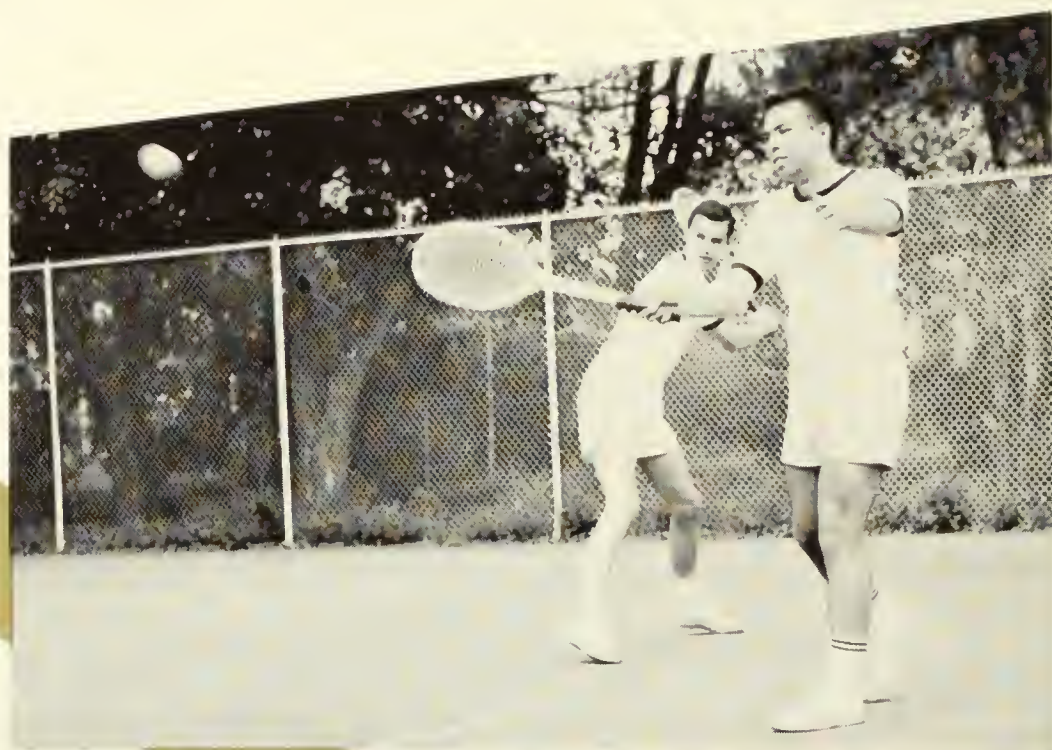


Captain David Cohen

# TENNIS



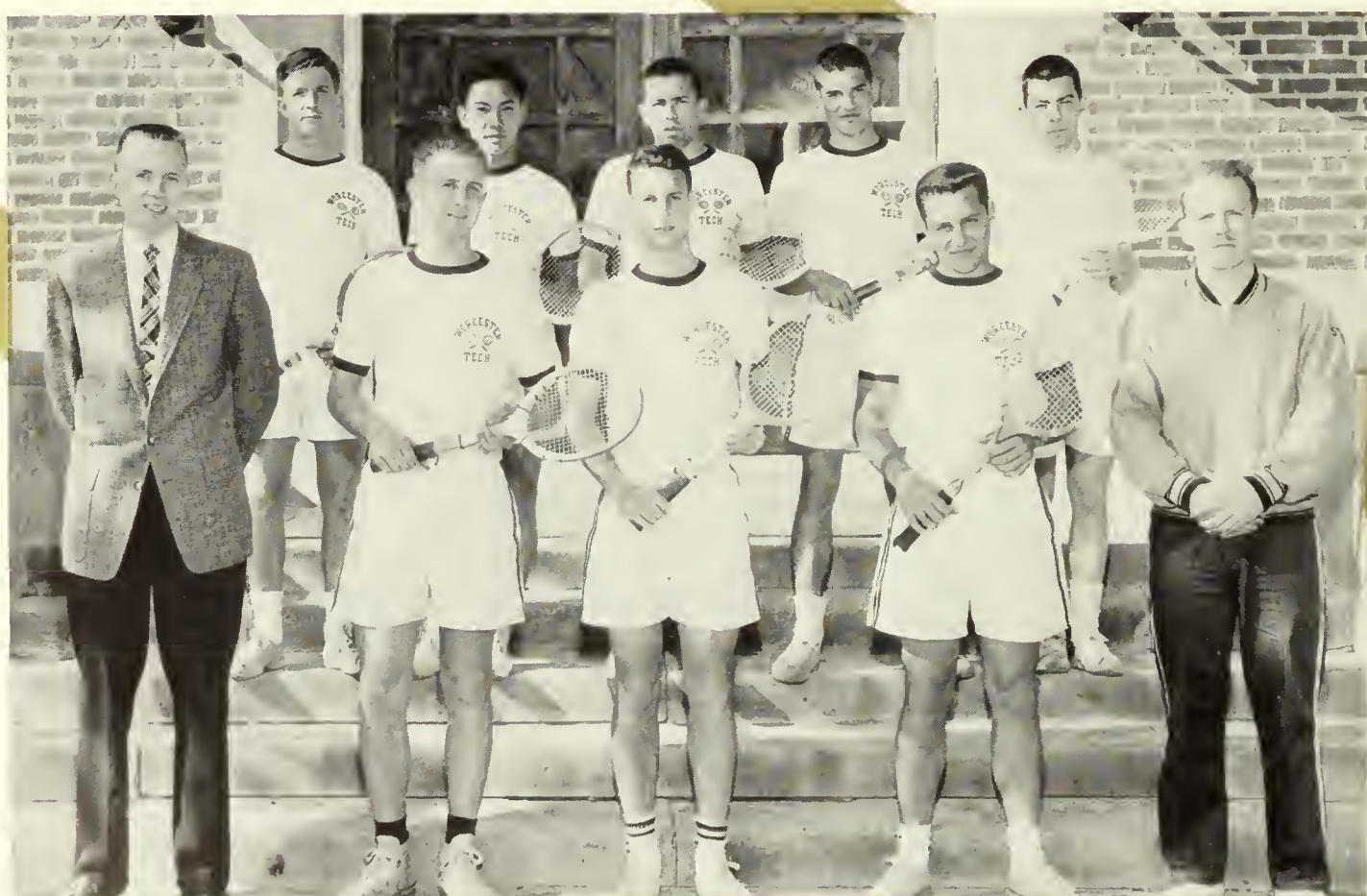
Al King of the rackets.



No love here.



Ken Homon



Front Row: Walt Lund, Ted Ealand, Dave Cohen, Jerry Temchin, Coach Alan King. Second Row: Dick Mixer, Swang Lee-Aphon, Abbie Andrews, Gordon Stern, Ken Homon.



# GOLF



George Hummelman, Al Burr, Brad Cushing, Ron Soccoli, Coach Frederick Butler, Terry Dupuis, Jim Carrigan.

As the last snow disappears and signs of spring are everywhere, Tech golfers will be playing on the links around Worcester. Even before the weather permits golf, practice will be held in Washburn in order to prepare the teams for the first game against M.I.T. The golf team plans to have a victorious season with the help of returning veterans Captain Brad Cushing, Jim Carrigan, Al Burr, and George Hummelman.

Last Spring, Tech dropped the first two matches to M.I.T., back to trounce upon Trinity, 5-2. The best match of the season was with Boston University when the Boynton Hillers upset them 4-3. As the season came to a close, Tech won two out of their last three games, defeating Lowell Tech and Assumption.

With an early spring, and a good turnout of underclassmen, coach Dr. Fred Butler should have a winning season.





# CHEERLEADERS



"Teamwork"



"And for our next trick . . ."



"Alley Oop"



"Steady Now"



# FRATERNITIES









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Queen of I.F. Ball, Miss Theta Chi





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Miss Sigma Alpha Epsilon



Miss Alpha Tau Omega





Miss Lambda Chi Alpha



Miss Phi Sigma Kappa



Miss Sigma Phi Epsilon



Miss Phi Kappa Theta

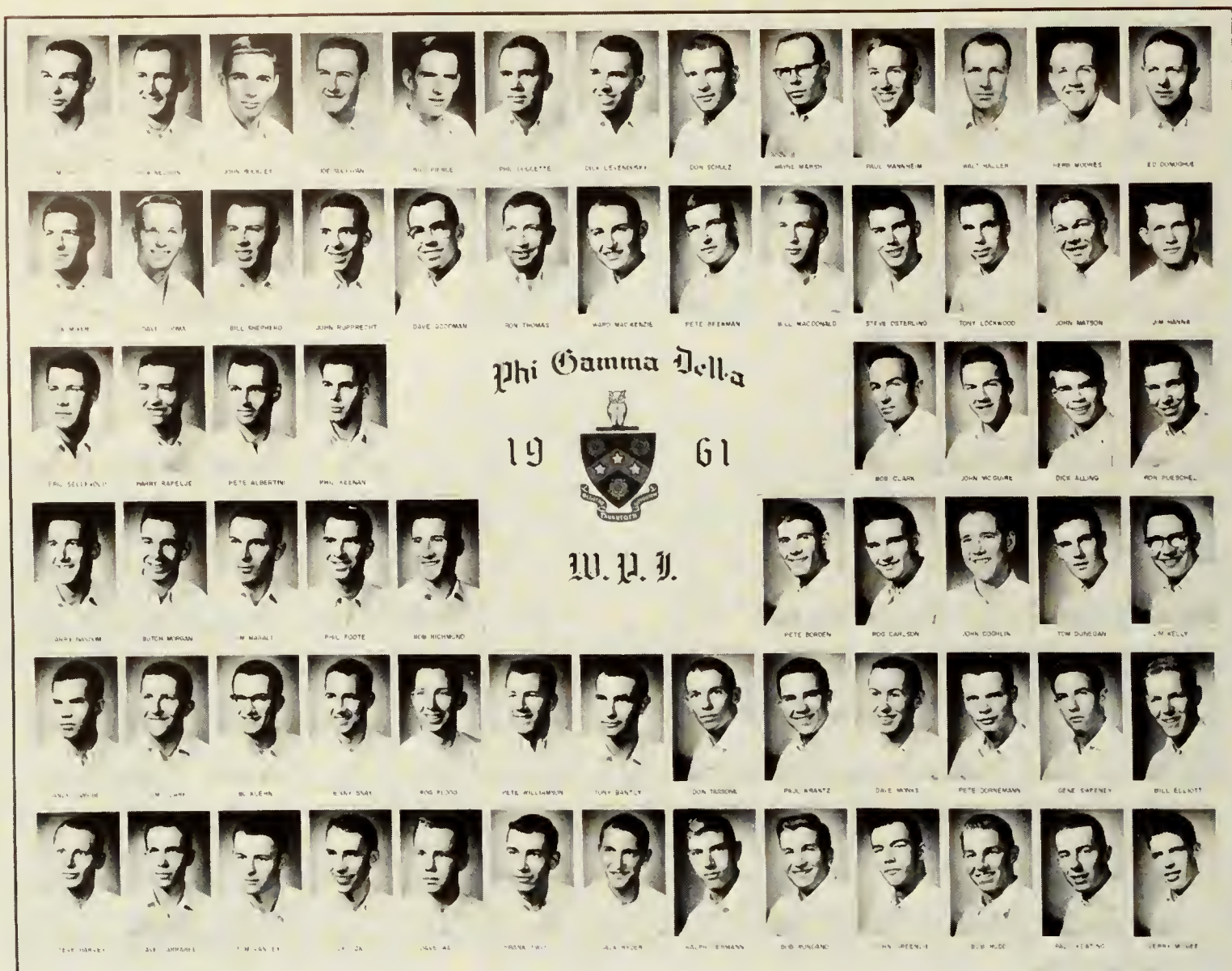


Miss Alpha Epsilon Pi



Miss Tau Kappa Epsilon





# 

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John Buckley  
 Wayne Marsh  
 Ron Thomas  
 Tom Caste  
 Dick Levendusky  
 Pete Beekman  
 Dick Nelson  
 Ward MacKenzie  
 Ed Donoghue  
 Dick Mixer  
 Paul Mannheim  
 Don Schulz  
 Joe Sullivan  
 Bill Pierce

This, the 70th year on the Worcester Tech campus, has been a very successful and satisfying one for the Phi Gams. Many of the brothers distinguished themselves as they participated in activities on the hill in the capacity of Class Officers, Honor Society members, and team captains.

Everyone will remember this year for a very successful pledge party and the bus ride to Pine Manor. They will remember the big weekends: Homecoming with the Hula Girl, I.F., J.P., Pig Dinner, and the greatest of all, Fiji Island. Remembered also will be the Saturday night parties, the everyday "bull sessions", the ski trip and the all night cramming sessions. All these things provided for a well-rounded year at the Fiji Lodge.

The underclassmen of Phi Gam wish the graduating seniors a great future and a happy successful life. It is hoped that those leaving this spring will return again often, so that many more and profitable experiences will be had in future years.





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## SIGMA ALPHA EPSILON

When the graduating seniors walk down the front steps of the Massachusetts Delta Chapter of Sigma Alpha Epsilon, many thoughts will pass through their minds. Some will have memories of Lisa and Silvana and their dance. Yet others will be reliving the terrific jam sessions put on by the Spotlights at several of the house weekends. Pledging, the pledge walks, "Help Week", initiation, the pledge banquet, the two sessions in the Mass. Delta Coffee Shop, eating dinner clad in overcoats, the open house of '60, redecorating the rooms before school, the evenings by the fireside during the house weekends, the "appropriate" comments at rush meetings, and the fabulous Saturday night parties will be remembered by all. Yes, they will think, "Sigma Alpha Epsilon has been good to me."

Yet these men have also been good for the fraternity. From the day of pledging they have unselfishly devoted much of their time and effort toward bettering their chapter. They have been instrumental in enabling the chapter to win the scholarship trophy for two consecutive years. They have been a main factor in maintaining the high material and spiritual level of the house.

Now the hand clasping is over, the good-byes have been said, and the men walk out uncertain — diplomas clutched in unsure fingers — to begin the most difficult undertaking of their lives.

However, we, who are left behind, are not unsure, for we have seen these men at work in the fraternity. We know that they have been prepared to solve any problems that they encounter and are confident that they will find success in all they endeavor. Good luck brothers!

### Graduating Seniors

Joseph A. Calzone  
Joseph P. Carpentiere  
Harold A. Christopher  
Vincent DeAndrea  
John E. Donnelly  
Edward F. Dowling  
Evan G. Duane  
James R. Duca  
Frederick G. Eitel  
Richard H. Federico  
Robert E. Hoss  
Charles R. Lehtinen  
Garo Papazian  
Ralph R. Trotter  
Henry T. Walat



Ten Regent Street, the big new picture of September 1960 . . . welcoming the many alumni for homecoming weekend . . . the dedication and Professor Scheifley's speech . . . Ken's magnificent buffets . . . that sad day when 24 Institute was disrobed of its last stone.

"Who got into the pink paint?" . . . "Mr. Matuzek, how do you nail this beam into plaster? . . . champagne baptism of the new gameroom . . . crash! the chandelier falls again . . . the initiation ceremony of the "Banditoes" . . . how did that cycle get stuck to the bottom of Earle Bridge?

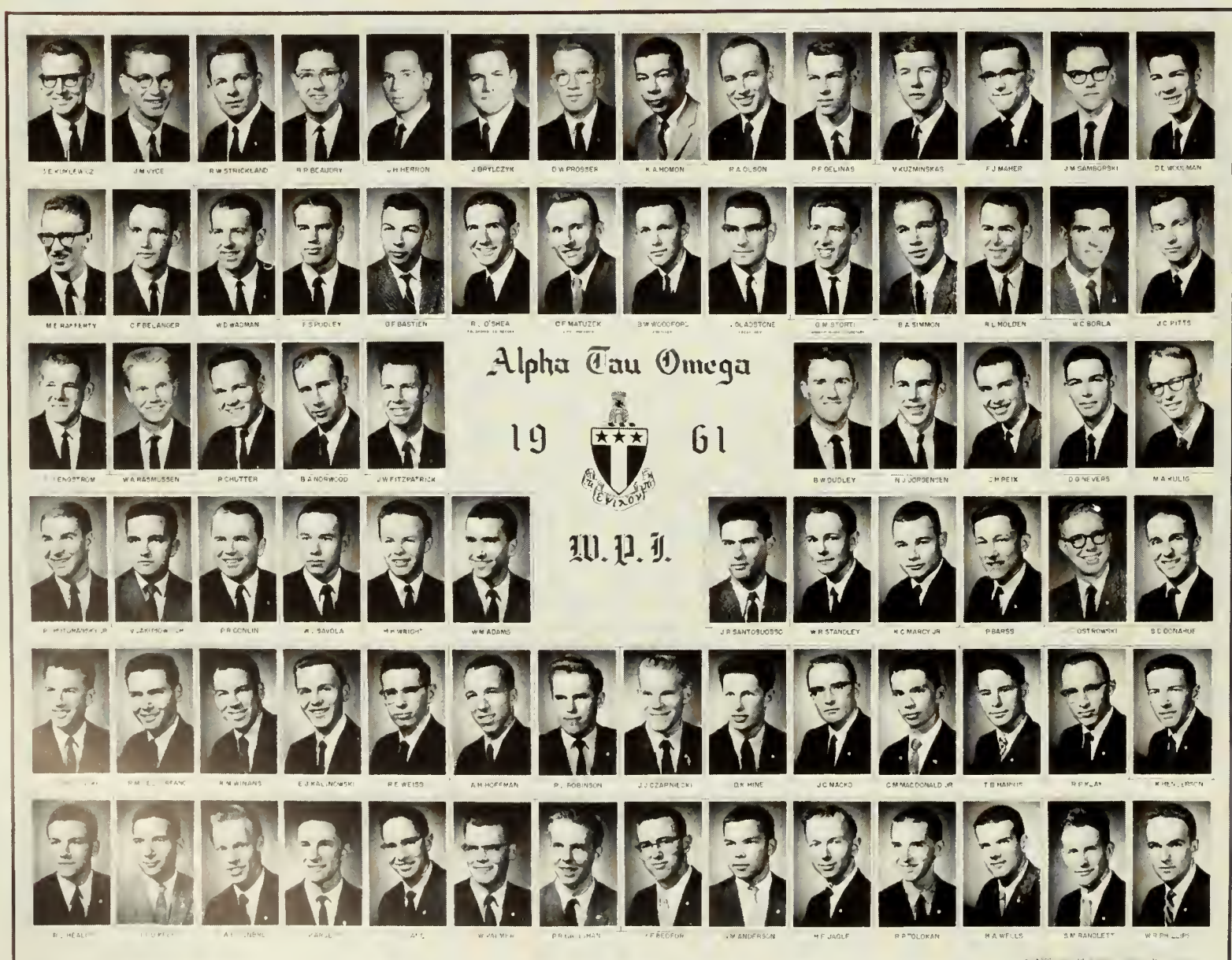
Snowball fights with Morey Hall . . . our big parking problem . . . the institution of the twelve white roses . . . the open house for the faculty . . . the "lean-mean steward" . . . that first open house party.

These are some of the things which the men of Alpha Tau Omega shall remember through the years. The honors bestowed upon the individual and his fraternity linger for awhile; yet, it is those everyday incidents that will live on in the hearts and minds of Gamma Sigma Tau's. Though the Class of '61 must depart from us we know that their friendships will remain with us at ten Regent Street, forever.

### Graduating Seniors

Robert R. Beaudry  
Douglass D. Gladstone  
John H. Herron  
Gerald E. Kuklewicz  
Conrad F. Matuzek  
Richard L. O'Shea  
George M. Storti  
Roger W. Strickland  
John M. Vyce  
Bruce W. Woodford

# ALPHA TAU OMEGA













Memories are made of this: Big Nick and his strummin' guitar . . . the shaving cream fights . . . rooms painted black or blue . . . B.J.C. . . happy hours by the game room fireplace . . . dedication of the Lee Hackett Memorial . . . red sweaters at the games . . . Miltie's eggnog party . . . Queen of the I.F. Ball . . . the victorious volleyball team . . . The Dissipated Eight . . . waterfights in the spring . . . the interstate playboys . . . those senior interviews and the long wait 'till . . . echos of "Git At" . . . pledge raids . . . Red and Black parties . . . and finally brotherhood. As the seniors at Epsilon chapter of Theta Chi depart to the life ahead these are some of the things they — and we, will best remember. It is these incidents which make the house at eighty-five Salisbury Street the spirited house that it is.

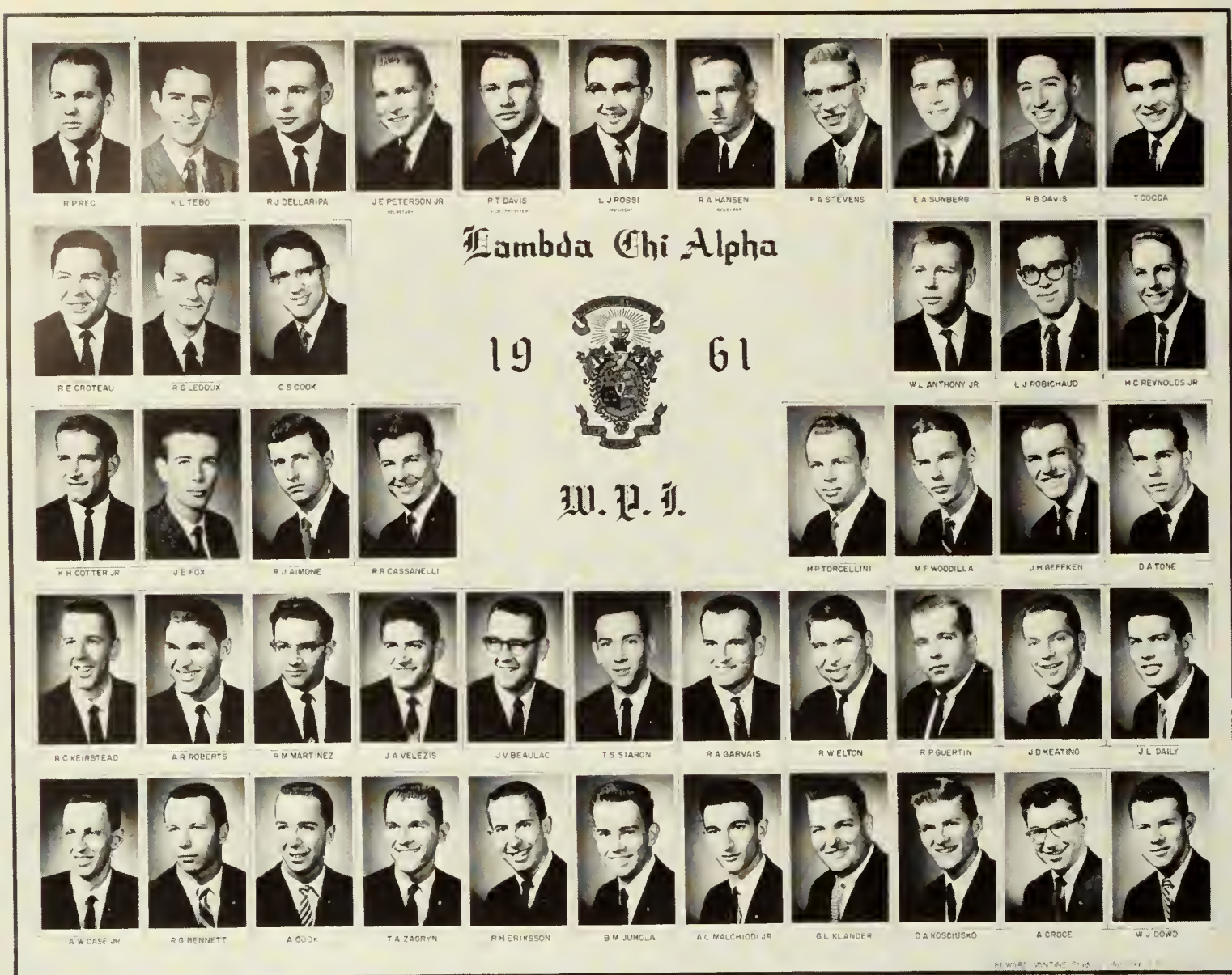
The doors are opening for these seniors. They have done their part here, and done it well. Thanks to the efforts of these men, Theta Chi has risen tremendously in all fields around the campus. It is through their training that the undergraduates will in future years, achieve Theta Chi's ideals and aspirations.

- Graduating Seniors
- Douglas H. Cormier
  - Ralph M. Dykestra
  - Joseph E. Faucher
  - William H. Gill
  - Lee P. Hackett
  - Robert R. Hale
  - Joseph J. Janik
  - Alfred J. Migneault
  - E. Randall Morse
  - Alan C. Novaco
  - Phillip A. O'Reilly
  - Gordon M. Parker
  - Leonard E. Pickens
  - Allan C. Rowley
  - John L. Ryerson
  - Alfred R. St. Germain
  - Peter J. Sugda
  - James M. Tolos
  - Frank A. Verprauskas
  - Charles E. Wilkes

# THETA CHI







# LAMBA CHI ALPHA

It was on June 5, 1913 that a local previously known as Zeta Sigma Tau was founded on the Worcester Tech Campus. It was to be this very same local that would eventually be ushered into the great national fraternity, Lambda Chi Alpha as the Pi Zeta chapter. Many years have elapsed since that time, however, and the fraternity ideal that belonged to those early Pi Zeta's is ours today.

In recollection of the past year, many scholarship and social achievements come to mind.

Listed among the academic highlights of the year, was when our house tied for first place in fraternity scholarship. Needless to say, this feat could not have been accomplished if it were not for the diligence on the part of the brotherhood.

Never-the-less the brothers still managed to engage themselves in one of the house's most profitable social programs in many years. Numbered among the most successful events are the two formal weekends, and of course the annual champagne party.

Unlisted are the intangibles which continue to be ours throughout the years. Never will such things be forgotten as Mac's home-style cooking, those after class bull sessions, and that general good feeling derived from our fraternal association.

Undoubtably, if it were not for the labors of those seniors who leave us now, the attainment of all of these things would be impossible.

## Graduating Seniors

William L. Anthony, Jr.  
Theodore A. Cocca  
Charles S. Cook  
Rudolph E. Croteau, Jr.  
Richard T. Davis  
Robert B. Davis  
Ronald J. Dellaripa  
Richard G. Ledoux  
John A. Matley  
Leo J. Robichaud  
Louis J. Rossi  
Frederic A. Stevens  
Edward A. Sundburg, Jr.  
Kenneth J. Tebo



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## Graduating Seniors

Hank Allesio  
Ed Alteiri  
Norm Bolyea  
Bill Calder  
Dave Carlson  
Brad Cushing  
Al Irelan  
Len Johnson  
Swang Lee-Aphon  
Bill Montgomery  
Gerry Mullaney  
Pete Natale  
Norm Noel  
Ken Parker  
Svend Pelch  
Erik Pottala  
John Powers  
John Tomkins  
Bob Schuessler  
Stan Wilson  
Ed Wozniak

One may expound for hours on education, college, etc. and what these things mean to the particular individual, but invariably the conversation turns to the college fraternity. And yet this topic holds a different significance for each participant; but without a doubt it is the one aspect of college life that left the most vivid, indelible impression on his mind.

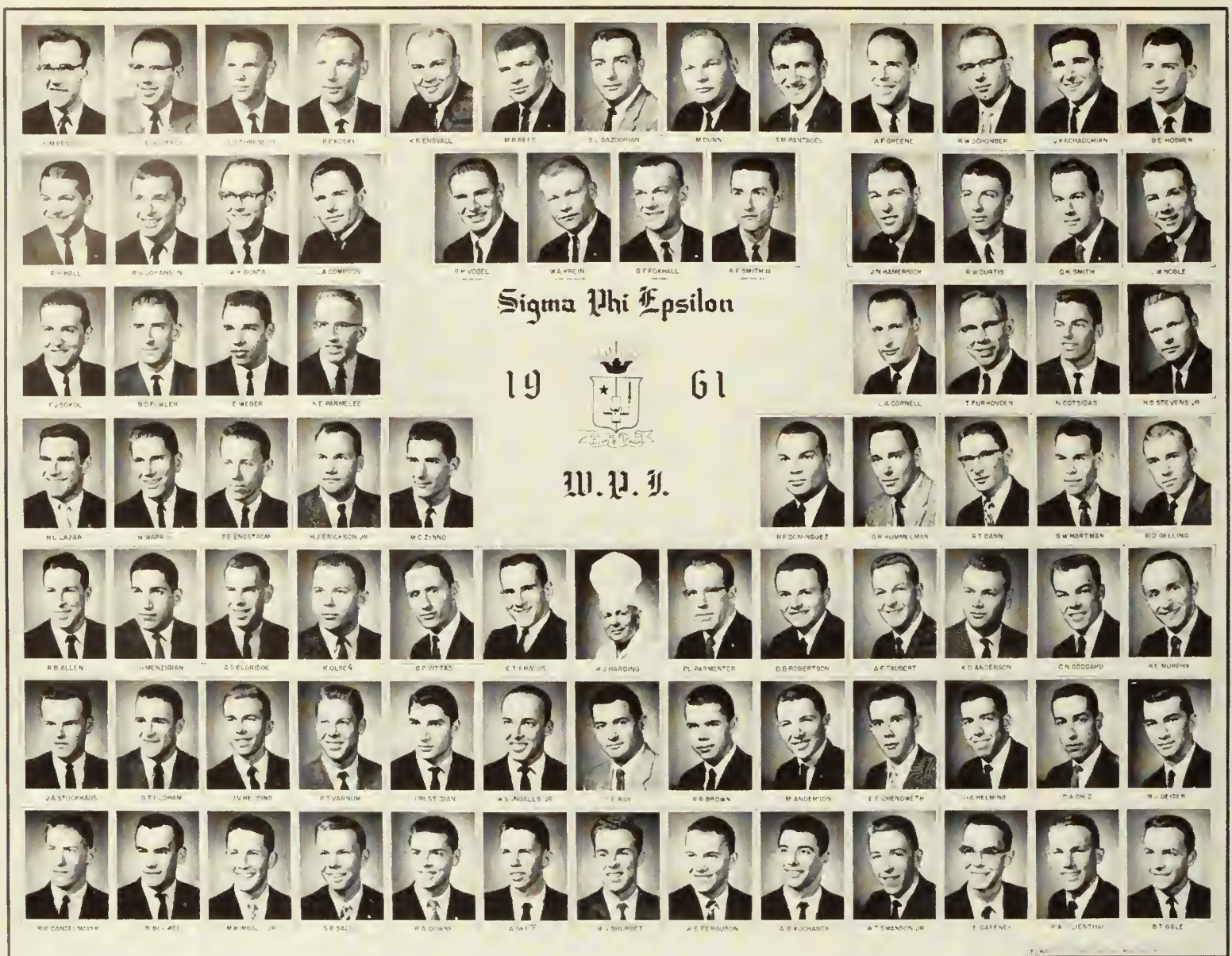
To some it was the social life — from the big formal weekend down to the small spur-of-the-moment gatherings on a warm spring evening; to others it was the challenge of the books and the feeling of accomplishment when the exam came back with a good grade on it; to still others, perhaps it was the group singing around the piano of old favorites, "Twas a Cold Winter's Evening," "Um Ya Ya," and the rest; and yet to a portion it was that excitement and enthusiasm over those hotly contested interfraternity athletic matches in which the fellows gave their all for the house.

As twenty-one Phi Sigs graduate this June our number will dwindle, until the fall when it all begins again — the time when we will pledge again. However, those twenty-one men graduating are not really leaving for they will be back both physically and in thought. We, the underclassmen of Phi Sigma Kappa appreciate the inspiration and leadership these seniors have left us, and we in turn will do our utmost to live up to the example that they have set. We are truly grateful to have been associated with them and wish them the best the future has to offer.

# PHI SIGMA KAPPA







# SIGMA PHI EPSILON

## Graduating Seniors

Donald Kenneth Bottomley  
James Michael Dunn  
Kenneth Roy Engvall  
George Frederic Foxhall  
Sarkis Leon Gazoorian, Jr.  
Charles Eugene Godfroy  
Arthur Franklin Greene  
Bradley Edwin Hosmer  
James Kachadorian  
Richard Paul Koski  
Arthur Wallace Knoll  
John Bayard Lewis  
Thomas Micheal Pantages  
Edwin Morrison Peacock  
Morgan Rowland Rees  
Robert Walter Schomber  
Ralph Fairfield Smith III  
David Harold Sorenson  
Richard Henderson Vogel

What kind of year has it been for the Sig Ep's? A year like all years, filled with the events which alter and illuminate their lives. It was a pleasant surprise when the Boynton Streeters were honored at Fall Honors Assembly by winning the General Excellence Award. Homecoming was next in line, and the Sig Eps really went all out in preparation for an event which would long be remembered by all of those attending. An especially grand time was had by a large number of Alumni who lingered on into the wee hours that Saturday night. All present wine, dined, danced, and were entranced by the Calypso singers who were imported for the night's festivities. Then there was the successful rushing program which brought twenty-eight pledges down to the Sig Ep homestead. Remembered also was that memorable pledge party when all of the pledges began to really know their fraternity. The I.F. Ball came sooner than we realized. It was an exciting weekend with the ultimate in entertainment and refreshments.

Later in the year, initiation time proved to be one of the most interesting, as the freshmen were introduced into the fraternity. Also the Junior Prom weekend was, without a doubt, the best ever, due to the efforts of many brothers in the class of 1962.

It was a banner year for the Sig Eps, made possible only by the efforts of those who graduate now. To the seniors, we the undergraduates extend the hope that the success that you achieved here, be yours throughout your whole life.



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# PHI KAPPA THETA

The 1960-61 school year was another banner year of progress here at 26 Institute Road. Those graduating from our ranks will never forget their days at the Institute, as they leave this spring. Phi Kappa Theta had one of its best years, socially, and some of the great times will never fade from our memory. Thoughts of "The Kingston Trio comes to the Kap" . . . Paul, the chef, and his famous international meal . . . "Kap sweeps coveted Homecoming Award" . . . "J.P. Weekend" will linger with us for many years.

Also, many classic remarks will stay with us for a long while: "Have you done your daily?" . . . "I've got the funnies after you" . . . "Hiya gang, Hiya Hiya-Oink-Oink" . . . "Hey Fred, how about doing an all-nighter for physics?" . . . "Here at the Kap . . ."

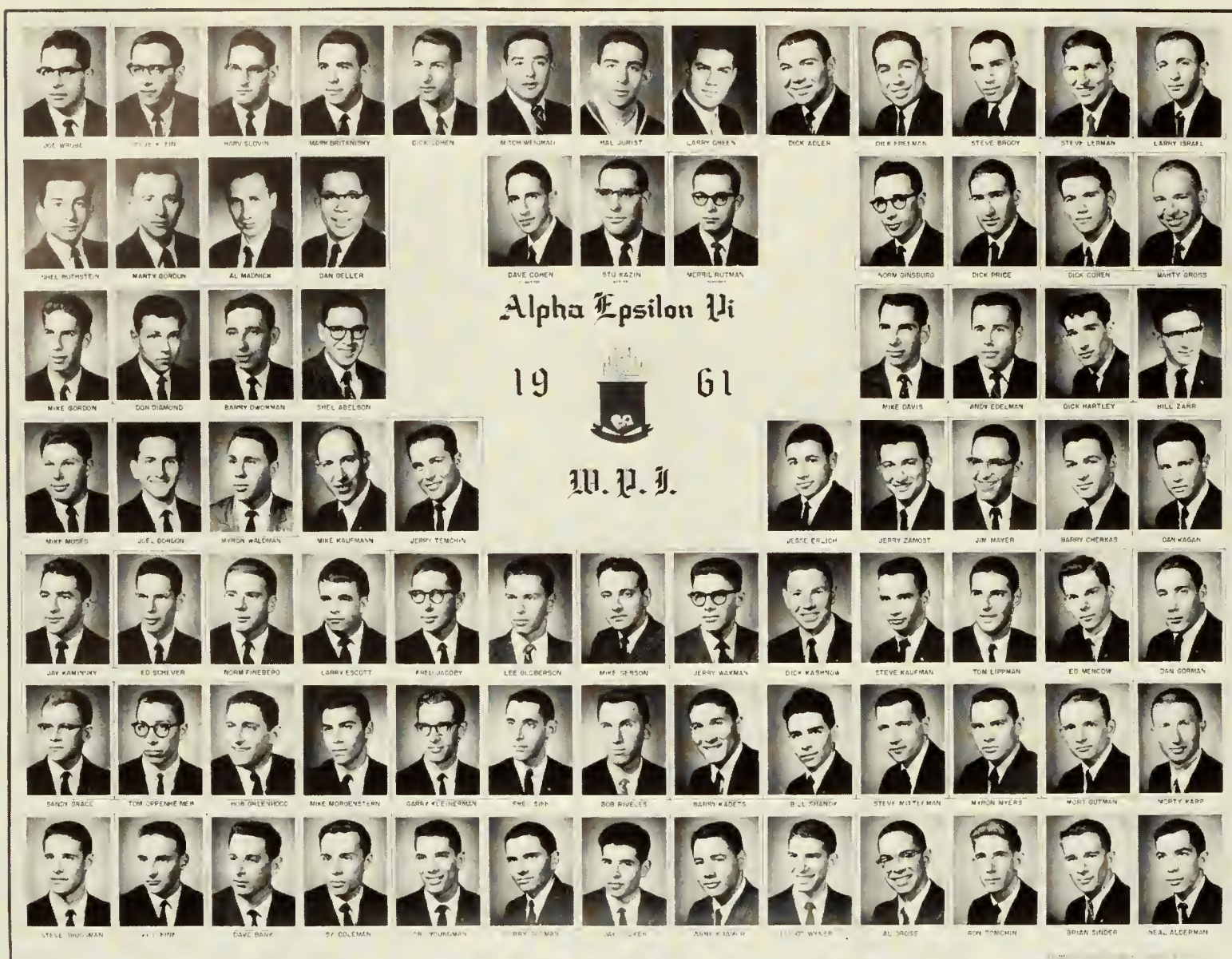
We also had some serious moments at our home away from home. We had the pride of seeing our brothers distinguish themselves in such organizations such as Skull, Tau Beta Pi, and Who's Who. Remembered also is "Happy Beam," as he guided us through another successful rushing program.

Memories such as these live with a man through his entire life. However, the greatest memory of all is the honor of being a Kap, and living our college life in a congenial atmosphere of Fraternalism, hard work, and social enjoyment.

## Graduating Seniors

Richard D. Andrews  
 Russell E. Banks  
 David R. Baker  
 Andrew M. Beaudoin  
 Edward J. Boduch  
 David M. Chesmel  
 Philip M. Crimmins  
 Nino M. DiPilato  
 Frederick L. Duval  
 John J. Gabarro  
 Mel G. Keegan  
 Charles W. Mello  
 Richard J. Miczed  
 Walter E. Pillartz Jr.  
 John A. Quagliaroli  
 Pierce E. Rowe  
 Robert N. Ruberti  
 Paul S. Sledzik  
 George M. Yule





# ALPHA EPSILON PI

## Graduating Seniors

Richard Sampson Adler  
 Stephen Bruce Brody  
 Howard Richard Freeman  
 Norman Irving Ginsburg  
 Lawrence Stewart Green  
 Harold Loyd Jurist  
 Stephen William Klein  
 Allan Wayne Madnick  
 Merrill Rutman  
 Joseph Nahum Wrubel  
 Mark Britanisky  
 Richard David Cohen  
 Daniel Davis Geller  
 Martin Syrl Gordon  
 Lawrence Lee Israel  
 Stuart Carleton Kazin  
 Steven Harold Lerman  
 Sheldon William Rothstein  
 Harvey Jordan Slovin  
 William Zarr

The kaleidoscope is something which enables one to watch beautiful forms. Therefore it is possible to call a fraternity a kaleidoscope of life. We remember well, of course, the major events of the year . . . Homecoming, pledging, I.F. weekend, the Military Ball, Junior Prom, and finally, Commencement. But we remember most fondly the everyday incidents that have enriched our lives: the small kindness that convinced us in a moment of despair that nothing is as bad as it seems . . . the laughter ringing through the halls of our chapter house . . . the varying degrees of joy and sadness when grades were received . . . the singing and music rising from the cellar during a party . . . cleaning up after the big weekend . . . the congratulations proffered to a newly-pinned brother . . . and of course the bull sessions — sometimes serious, sometimes superficial, but always worthwhile. By these we number the days of our brotherhood.











As we, the last brothers of the local fraternity Sigma Delta, look back on the four years of our existence, we see a lot of hard work and a host of fruitful accomplishments. This year has been the most prosperous, starting in the fall with the initiation of ten new brothers and followed by the pledging of nineteen neophytes — our largest pledge class. Remembered also, are the renovations accomplished when we first returned back this fall. Hortense (our 1920 Reo fire engine) was able to carry nineteen men to the top of Boynton Hill for pledging, only after she was operated upon by a number of TKE's mechanical surgeons. A flashing TKE sign, consisting of pumpkins, was seen at our Halloween party which kicked off the social calendar. A fine IF Ball was followed by a bowling party and a beatnik party on Saturday evening. The house was deluged with wedding invitations as six of the fraters took the vows within a few months of each other. We can feel proud of what we and the founders have accomplished. Now we leave you the fruits of our work. We wish to every brother a lifetime of success, guided by the brotherly virtues of our fraternity.

Graduating Seniors

Roger Faulk  
Irving Freeman  
Donald Root  
Dana Wilcock  
Donald Wilmot

TAU KAPPA EPSILON



DON ROOT



IRVING FREEMAN



ART DARLEY



DON McDONALD



ROGER FAULK



DANA WILCOCK



PETE JUNG



BOB YORK



TOM QUINN



CHICK BOESSLER



JOHN TUFAN



HARRY ROOT



BILL REINER



JIM PROCKI



BEN A



Tau Kappa Epsilon  
W. P. J.  
1961



JIM MATTE



DICK ALLEN



PETE CRAUGH



DAVE NORDIN



LARRY PROCK



JOHN LAWSON



DAVE LUKEWICH



RUSS HYVONEN



HARRY NIVEN



HANK JOWICK-FAUCZ



PAUL STAKUN



JOE DEBEAUMONT



DAVE BOYD



JACK THIRAKATH



MACE SOMERVILLE



BIRA STASYMA



PAUL MACARFEE



JOHN LINDQUIST



NEIL MAULE



ERIC OLSON



JIM BOWEN



BIRA BANNET



DICK PARUCHOWSKI



STEVE NOBLE



CHARLEY FLUEGEL



CHARLEY SCHENMANN



MARK WROBEL



BOB BRUDMAN



BOB PEURA



BOB FRENETTE



LARRY HULL



BIRA SCHNEIDER



JIM WEHREN



RICK CAR





$F = ma$



"You're breaking my wrist."

## I. F. SPORTS



"Which way do I go now."



"Someone say bang please."





A backhand smash.



What a close finish.

## I. F. SPORTS

"Here's a present for you."



Rule book anyone?





## In Appreciation . . .

It's a lucky editor that has a staff abounding in enthusiasm and showing the perseverance to work over vacations, as well as during class days. And, this editor is especially proud of his staff's result — the 1961 Peddler.

My esteem for this group of men is boundless; however, I'm afraid my thanks to them will be but a rather feeble representation of my true feelings. Credit for the '61 Peddler goes to: Gordy Parker — who channelled the creativeness of the make-up staff, and who was always present to listen to my moanings and groanings; Bill Gill — whose drive sparked the advertising staff into exceeding by far the planned income, the result of which was the added second color in the book; Craig Rowley — whose artistic touch provided the book's finesse; Phil O'Reilly — whose sage advice and invaluable experience kept the staff from many short comings; John Ryerson — who meticulously directed the make-up of the senior section and carefully guided the many underclassmen in their work; Bob Schomber — who performed the massive task of assigning and editing all the copy; Jack Vyce — who accounted for the publication's fine photography; George Foxhall — whose economic ability kept the '61 Peddler on a sound financial footing; and the junior staff, the real backbone of this hard-hitting group.

Thanks also to our patient and most cooperative advisor, Dr. Schweiger; to Bob Moore, representative from O'Toole printers; and to Bevin Plante, professional photographer, who snapped the bulk of our pictures.

The editor,

*Charles Wilkes*

Charles Wilkes





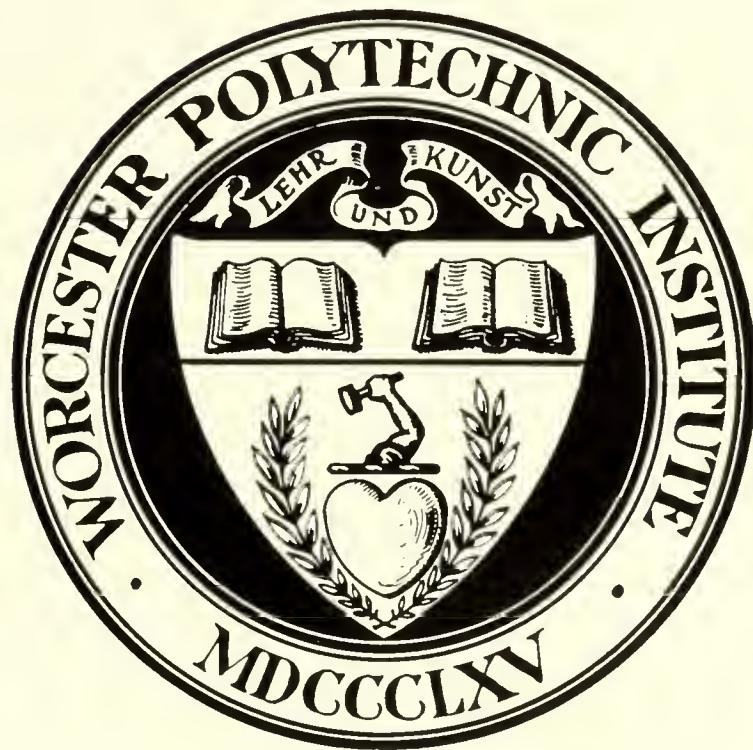


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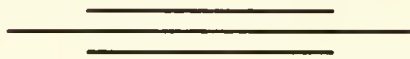
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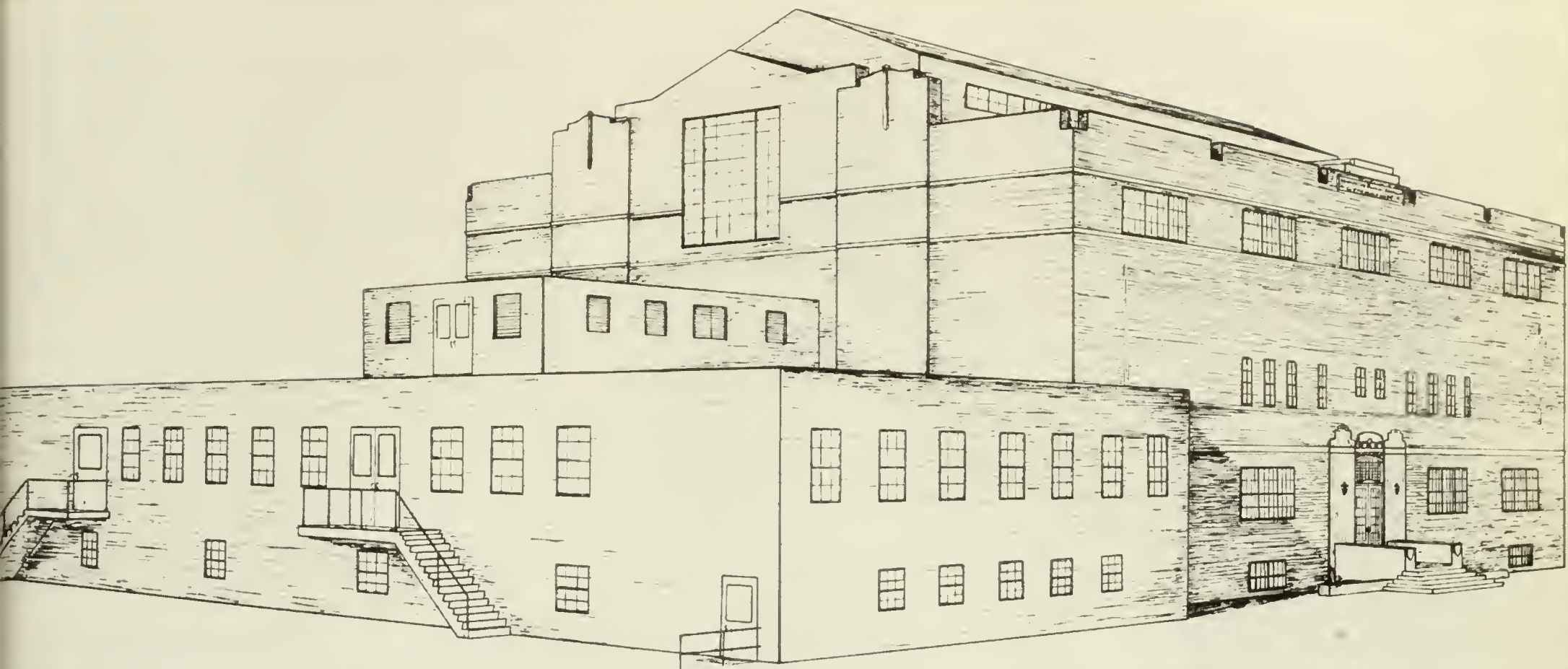


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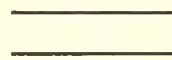
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*By different methods men excel;  
but they are one who do all things well.*

TO THE CLASS OF '61  
CONGRATULATIONS AND SUCCESS IN THE FUTURE

THE CLASS OF  
1962



*The Class of*

*1963*

*wishes the class of*

*1961*

*the greatest possible success in the future*





THE **F**RESHMEN

CONG**R**ATULATE

TH**E**

**S**ENIORS

AND WIS**H**

THE**M** SUCCESSFUL

CAR**E**ERS IN

ENGI**N**EERING



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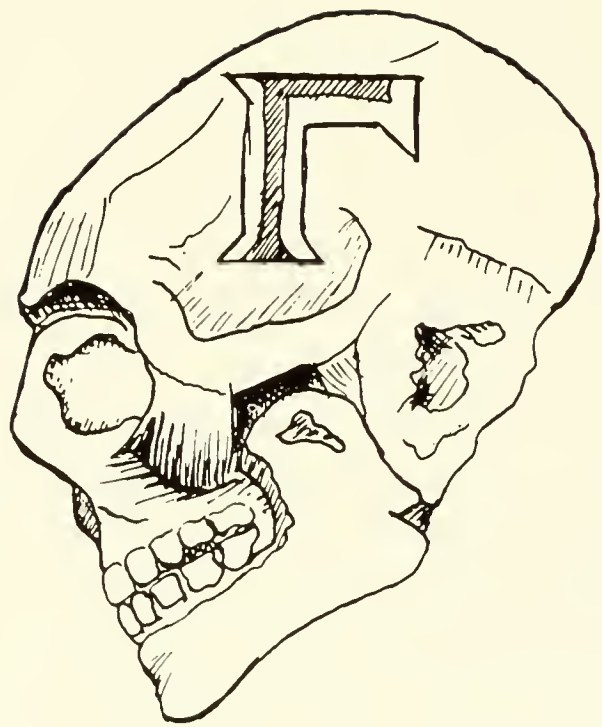
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**A.I.P.**



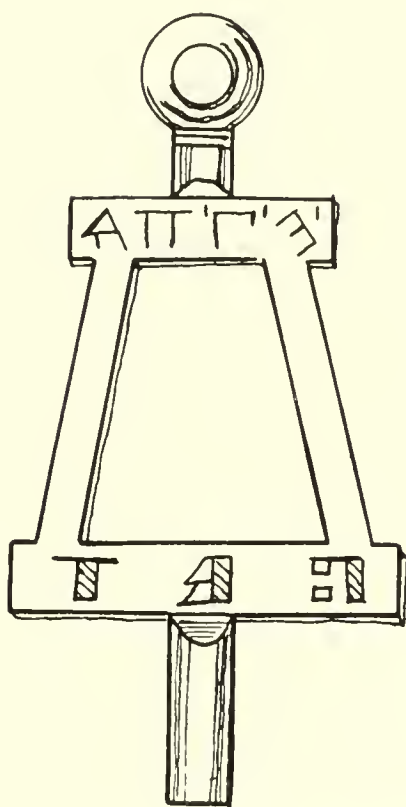






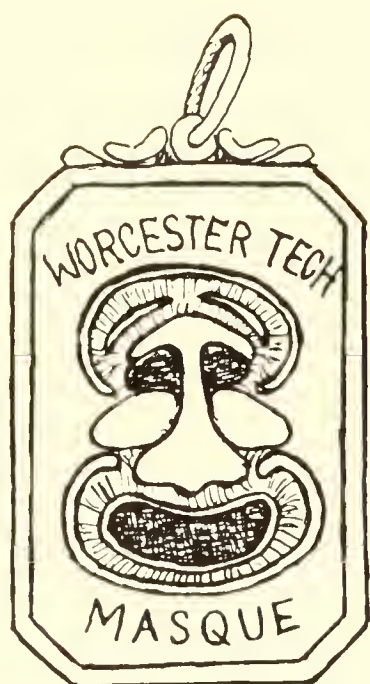


*Compliments*  
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ALPHA CHAPTER OF MASSACHUSETTS

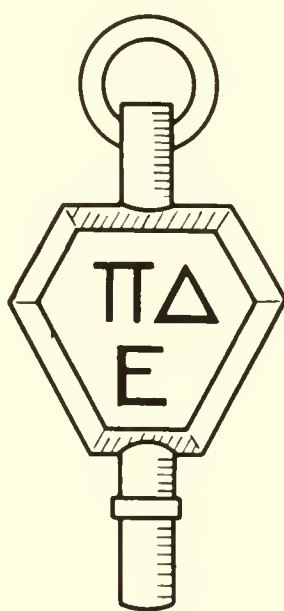




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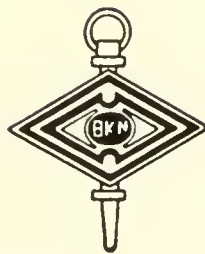
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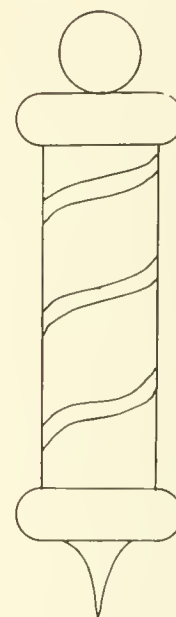
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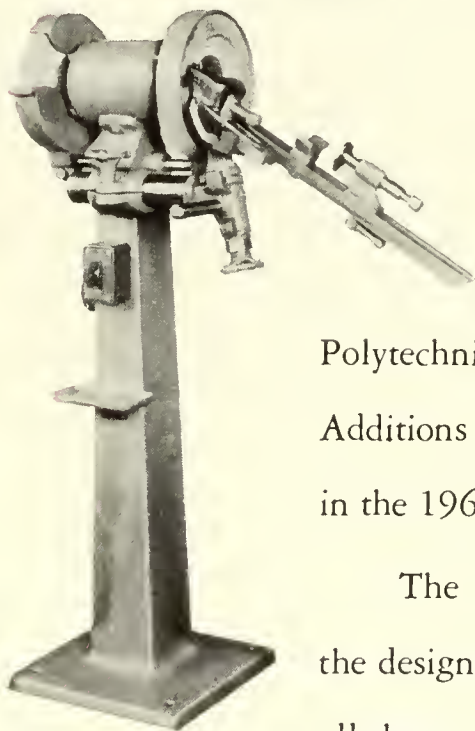
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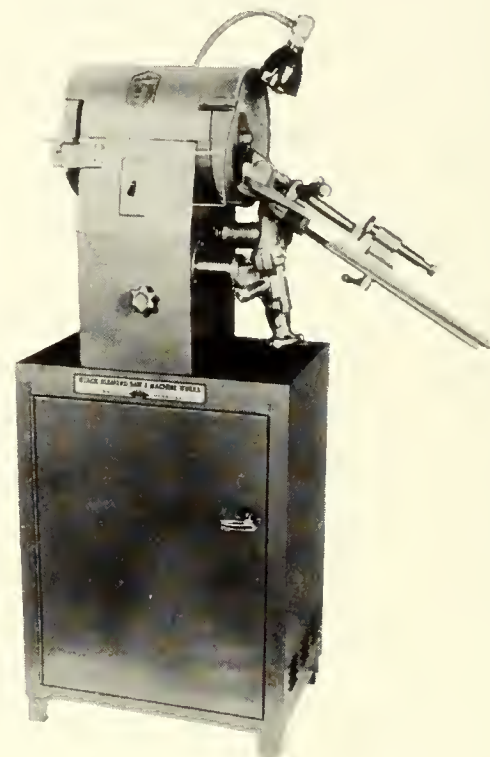
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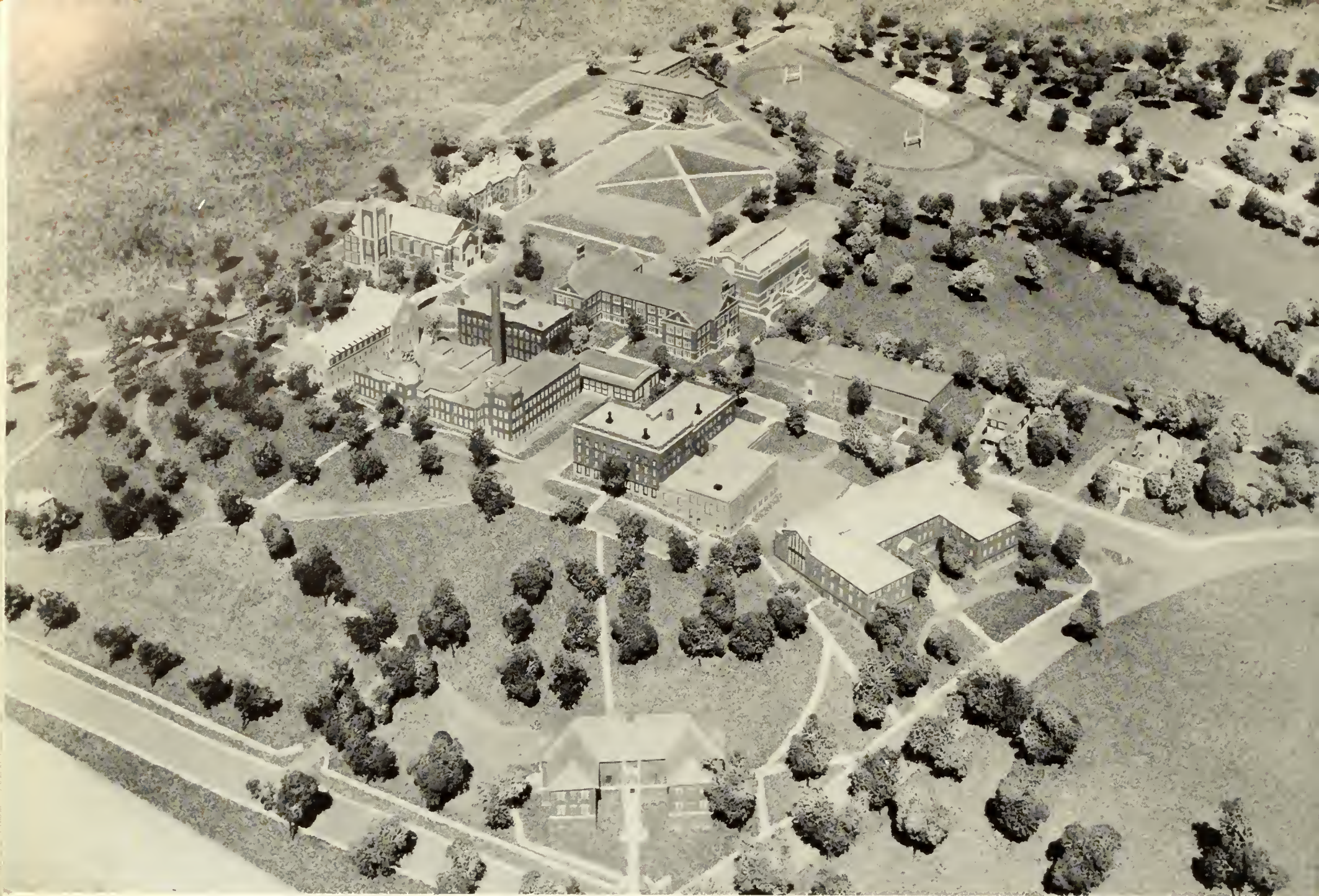
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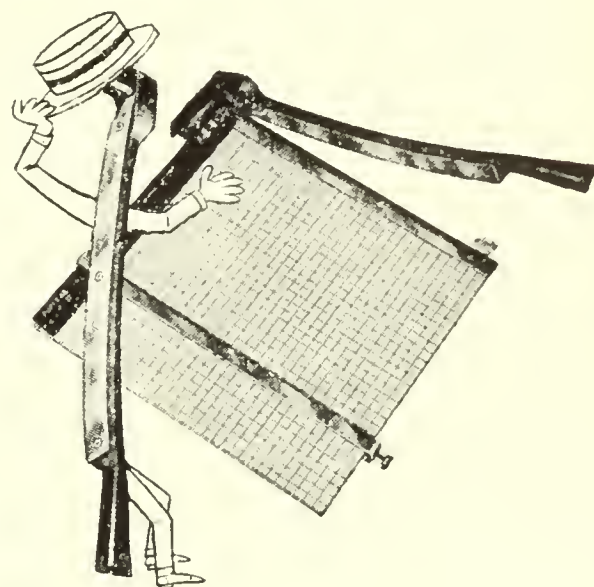


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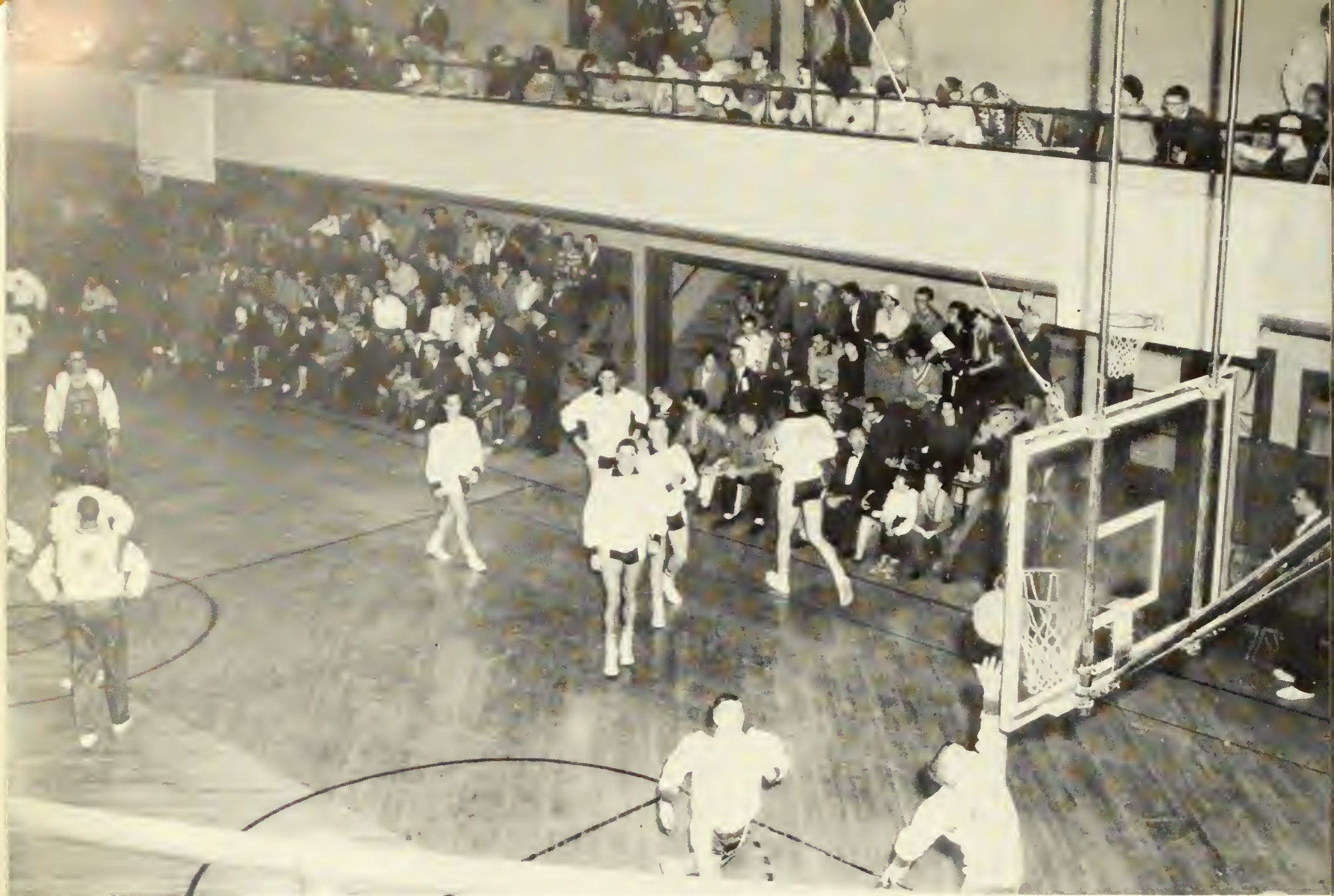
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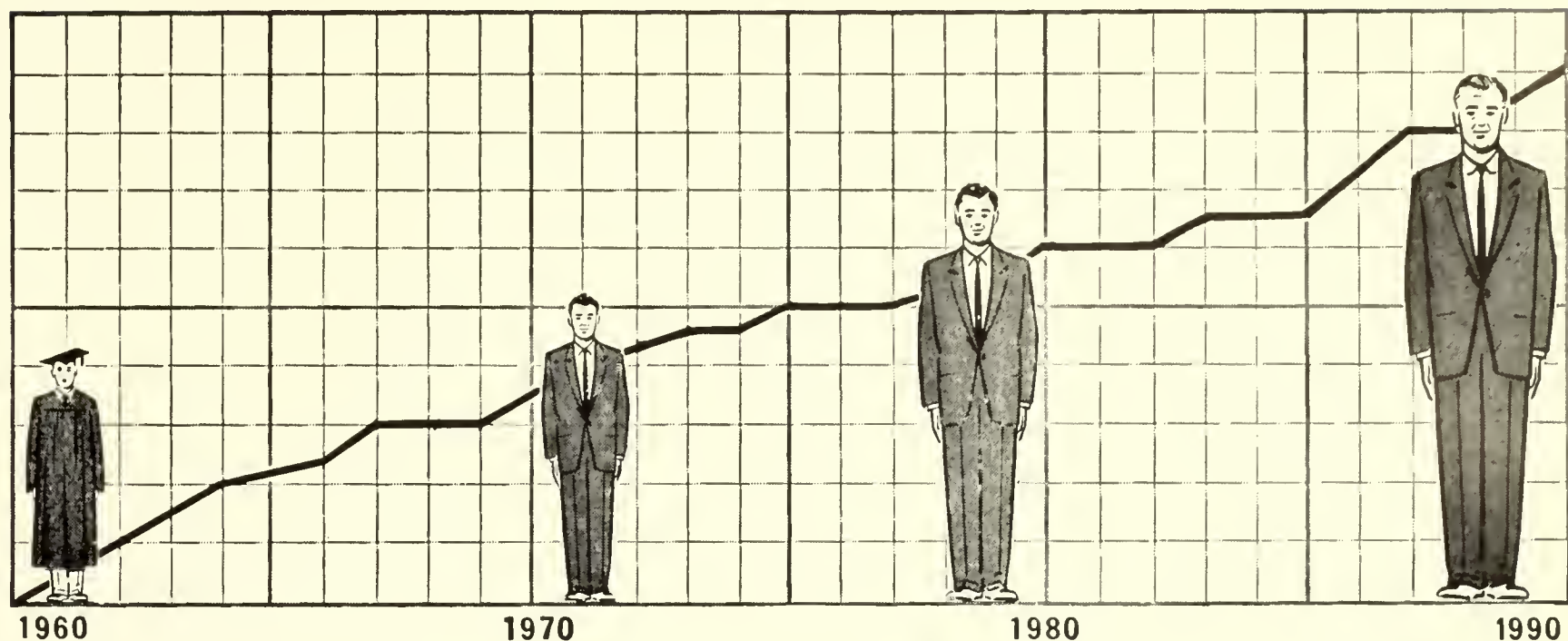
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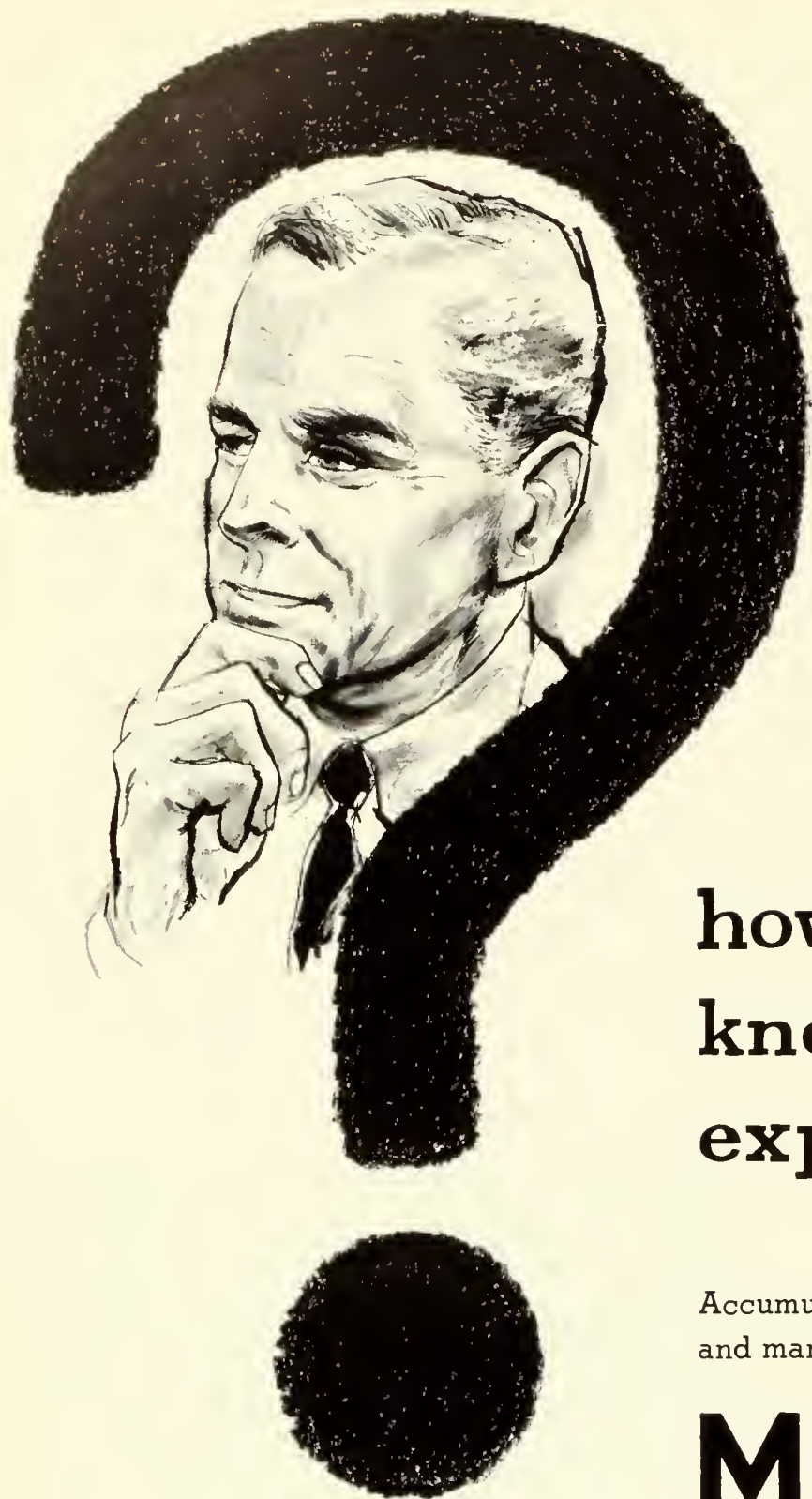
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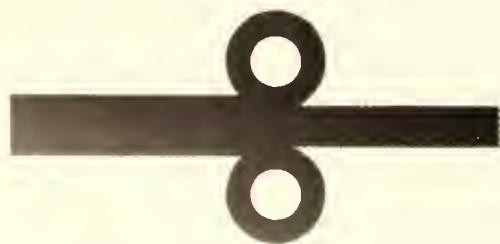


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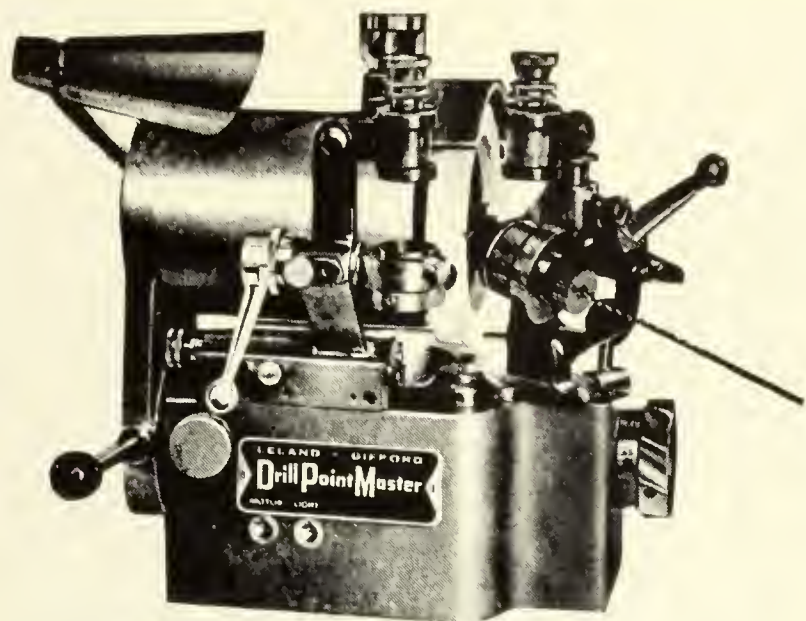
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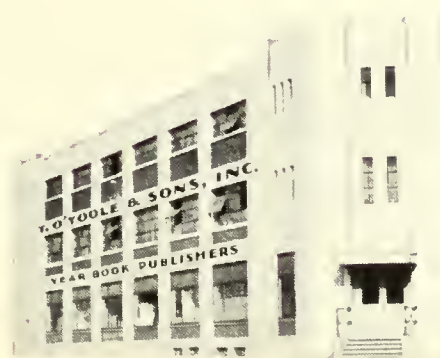
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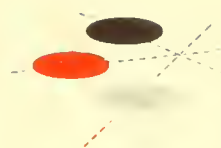
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